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The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

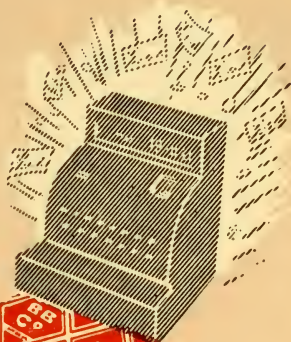
Registered as a Newspaper

NO. 3517
VOL. CXLVIII

JULY 19, 1947

Annual Subscription (with
Diary) 30/- . Single Copies 1/-.

*Pave the
way to higher
profits*



with



PRODUCTS

BURGOYNE BURBIDGES

Established 1741 & COMPANY LIMITED, LONDON, E.6



a new
Parke-Davis
product

'TAKA-BEXIN'

CAPSULES

This combination of the important members of the vitamin B complex with vitamin C and the powerful starch-converting ferment, Taka-Diastase, is of value for middle-aged and elderly people who often need assistance in digesting starchy food and whose intake of vitamins is low. In convalescence also, when digestion and appetite are impaired and vitamin deficiency is present, 'Taka-Bexin' will prove useful.

Six 'Taka-Bexin' Capsules contain sufficient Taka-Diastase to liquefy the amount of starch in approximately $1\frac{1}{4}$ lb. of potatoes or $\frac{1}{2}$ lb. of bread.

IN BOTTLES

OF 50 CAPSULES

List Price 11/3 each

M. R. P.

(Including Pur. Tax)

12/6 each

FORMULA

Each capsule contains :-

Taka-Diastase	1 gr
Vitamin B ₁ (Aneurine Hydrochloride)	1 mgm
Vitamin B ₂ (Riboflavin)	1 mgm
Vitamin B ₆ (Pyridoxine Hydrochloride)	0.5 mgm
Pantothenic Acid (as the Calcium Salt)	0.15 mgm
Nicotinamide	6 mgm
Vitamin C (Ascorbic Acid)	15 mgm

PARKE, DAVIS & COMPANY
50, BEAK STREET, LONDON, W.1.
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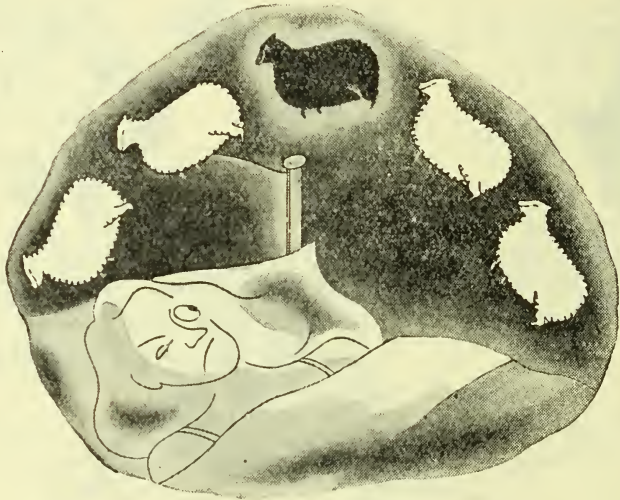


Many people are still unaware
that the quickest way to
stop the irritation of bites and
stings is to use MILTON.

Your word carries weight.

Why not tell them about MILTON?

The Chemist's Case Book. *The Chemist to-day is psychiatrist, physician and counsellor all rolled into one. A dozen times a day he is called upon to give benefit of his knowledge and experience.*



Sleeplessness

As every Chemist knows loss of sleep is more often traceable to ill-functioning the digestive organs than to any other cause. If the customer goes to bed every night on a warm cup of Benger's Food the pre-digestive (enzymic) action of the Food soothes both stomach and nerves, yet at the same time gives rich nourishment that builds bodily and nervous vigour. A large proportion of the Chemist's customers are potential buyers of Benger's Food and a course of Benger's Food represents a steady and continuous profit.

Benger's Food

Important!

Benger's Food is not to be confused with ordinary bed-time drinks. It is a partially pre-digested milk food. Benger's to-day is as easy to make as a cup of cocoa.

EVANS**HEPRONA**

Regd. Trade Mark

now made with
proteolysed liver!

This popular pre-war liver tonic preparation is again available—and contains *proteolysed* extract of liver, in addition to colloidal iron, ascorbic acid, nicotinic acid and glycerophosphates.

Bottles of 6 fl. oz. and 40 fl. oz.

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EL 131

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*wrapped in
'Cellophane'
Cellulose Film?*



★ *Your stocks should be returned promptly, because the Public will now expect to purchase Rendells with the outer transparent wrapping.*

IMPORTANT. Postage will be refunded upon all goods returned *direct*. The sender's name and address must be written on the outside of all packages and the quantity returned stated.

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NOW WRAPPED IN CELLULOSE FILM AGAIN

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Extensive National Advertising in the Press and Women's Magazines is creating national demand for the "Modern" Teat. Used and recommended by Nursing and Medical Authorities for its new anti-colic design—nearest to natural feeding. Supply position easier. Stock up now. Obtainable from wholesalers only. Fixed Retail Selling Price 6d. each.

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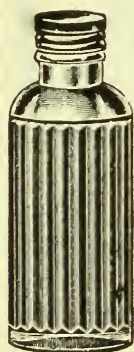


Fig. 722

WHITE FLINT OVALS

$\frac{1}{2}$ oz. Screw with
Plastic Cap
29/9 grs.



Fig. 708

2 oz. Cork
mouth
27/6 grs.

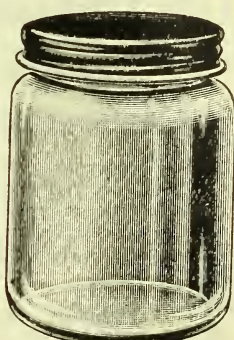


Fig. 414

6 oz. CREAM JAR

White Flint
Laq. Metal Cap
60/- grs.



Fig. 826A

WHITE FLINT
SQUARES

with Screw Plastic
Cap
 $\frac{1}{2}$ oz. 1 oz. 2 oz.
37/6 41/6 46/6 grs.

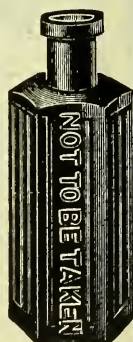


Fig. 387

HEXAGON
POISON

Act. Green
Cork mouth
 $\frac{1}{2}$ oz.
31/- grs.

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TERMS: Combined orders amounting to £3 and upwards from qualified Chemists will be subject to 10% for display co-operation in addition to our usual 2½% discount for monthly account.



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Germolene

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ONE OF THE LARGEST PRODUCERS OF
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ENQUIRIES ARE WELCOMED

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MANY chemists realize that hundreds of customers suffer from some kind of foot trouble these days. They are telling their customers about 'Freezone' Foot Compound and 'Freezone' Corn Remover, displaying them on the counter and in the window. The result of their enterprise is, of course, extra sales of these profitable companion lines.

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A collodion preparation* that relieves corn pain quickly and enables the corn to be removed after a few days' treatment. Complete with glass applicator and two corn rings, it retails at 1/8. Trade price 13/6 per doz. P.T. 2/3.

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Nearly
Five times the
Profit

FOR
ONE-SIXTH OF
THE TROUBLE

The 24/- size 'Curicones'—the FULL treatment—is the size your customers ask for. This choice is wise both from their point of view and your own.

YOU ENJOY THESE ADVANTAGES
STOCKING THE CURICONES 24/- SIZE

1. You make nearly five times the profit on one sixth of the trouble. (The 24/- size contains six times the quantity of the 5/- size).
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3. Your turnover is quicker. Time is saved.
4. You are cementing goodwill. Obstinate cases of Rheumatic affliction yield to the course of 'Curicones.'

ORDER A ½ DOZ. FROM YOUR WHOLESALE
TO-DAY—and satisfy your customers.

CURICONES



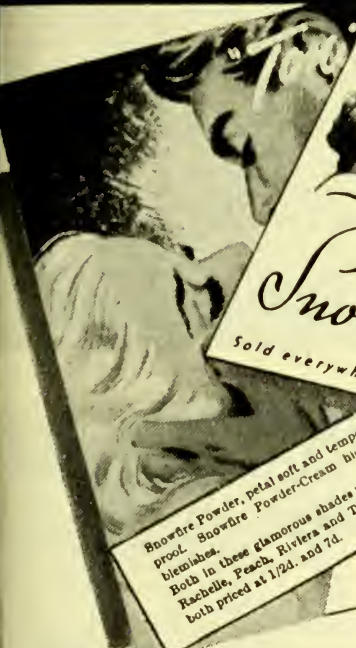
for the relief of P.A.T.A.

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Remember 'Curicones' is a P.A.T.A. Line showing 33 1/3% profit, nationally advertised and recommended by the medical profession. Showcard sent on request. Large 24/-

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There will be MORE customers for you—
amongst the MILLIONS of WOMEN
who will see these
advertisements



Because she learned this

**She found
Fame and Fortune**

Margaret was an unknown model. Then a famous dress designer, by her flawless complexion, picked her to display Britain's dresses abroad. She thanked her stars that she'd kept her skin so petal-soft, blemish-free with Snowfire Vanishing Cream. She's in South Africa now, but coming back soon on a visit with her new-found husband, a diamond mine-owner. And she still has

★ the sheer loveliness of a complexion kept lovely by the daily use of

Snowfire VANISHING CREAM

Sold everywhere at 1/2 and 7d including purchase tax

Snowfire Powder, petal soft and temperate. proof. Snowfire Powder-Cream hides lines, blemishes.
Both in these glamorous shades: Naturelle, Rachelle, Peach, Riviera and Tropical Tan; both priced at 1/2d. and 7d.

matched make-up

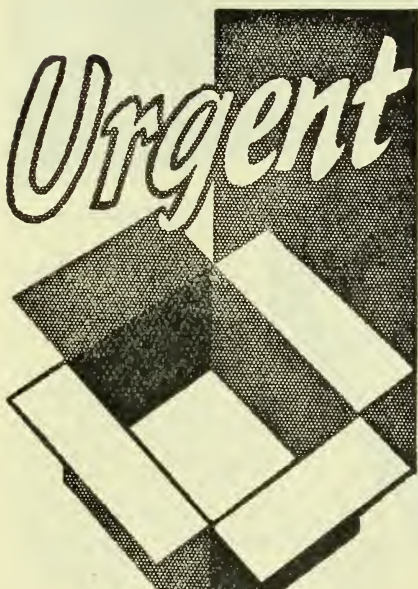
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in magazines, local papers, and in the national press that will bring **WOMEN FLOCKING TO YOUR SHOP** to buy the Snowfire range including Vanishing Cream, Face-Powder, Powder-Cream, Lipstick, Wave Set, etc. Snowfire Beauty Preparations are the first choice of most women who have to watch their cosmetic budget.

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(110)

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2. Effective for several hours.
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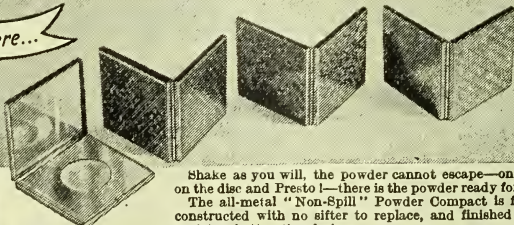
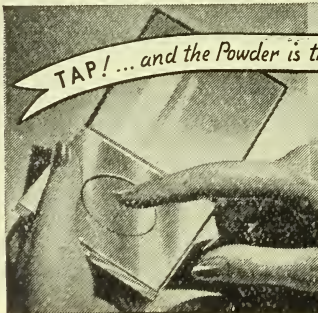
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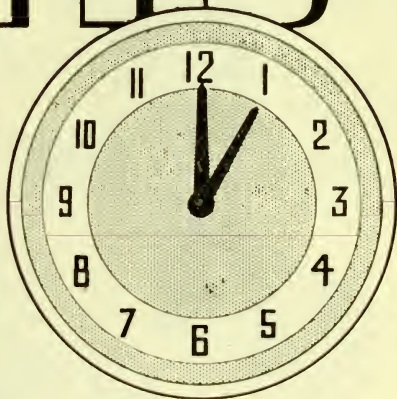
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*A safe sedative and hypnotic.
Invaluable for insomnia, nervous-
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*including
tax*

10% discount on £5 display parcel

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126/-

*tax
extra*

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the chocolate-coated multi-vitamin tablets with a Standardised content of vitamins A, B₁, C and D₂. Daily they will be reading in national advertisements now appearing how VOL-VITE can help to re-arm them to increased fitness in the drive for national recovery. Be prepared for their demands by ordering today from your usual wholesaler or direct from the sole distributors.

25 days supply costs 4/6, 36/- doz. in units of 1 doz. tins.



VOL-VITE

PATA

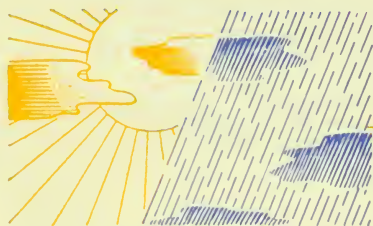
The chocolate-coated multi-vitamin tablets

Another HOWARD-TAYLOR product

Sole Distributors : W. SUTTON & CO., DRUGGISTS SUNDRIES LONDON LTD.
Horseshoe Lane, Enfield, Middlesex

ENFIELD 4747 (10 lines)

Whatever the weather



there is **ALWAYS** a demand

for

Ventay
BRONCHIAL TABLETS

- Nationally Advertised.
- Based on an Up-to-Date Formula.
- Popular with Children and Adults.
- Attractively packed in tins.
- Retail at 1/3.—Cost 10/6d. per dozen, including Purchase Tax.
- Display material included in each Unit of 3-dozen tins.
- Order at once through your Wholesaler or direct from :—

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Manufacturing Chemists

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Skin Deep

“does the skin good”?



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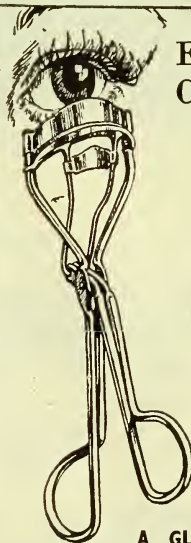
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The

CHEMIST AND DRUGGIST

For RETAILER—WHOLESALE—MANUFACTURER

Published weekly at 28 ESSEX STREET, STRAND, LONDON, W.C.2

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NEWS OF THE WEEK

Rubber Gloves Control Remains.—The Minister of Health announces that the present supply position does not permit the control of rubber gloves to be relaxed.

Import of Gum Dammar.—The Board of Trade announces that from July 16 gum dammar consigned from any country may be imported without individual import licences.

A Fee Increased for Doctors.—The capitation fee for medical treatment (including the supply of medicines and prescribed appliances) for evacuated children (see Circular 133/46), has been increased from 19s. to £1 os. 3d.

Double-shift Working.—The report of a committee set up by the Ministry of Labour and National Service to study the double day-shift system in manufacturing industry has been issued as a White Paper (Cmd. 147). Copies may be obtained from H.M. Stationery Office, price 1s. net.

Socialist Medical Association.—At the annual meeting of the Pharmaceutical Group of the Socialist Medical Association

on July 1, the following officers were elected: *Chairman*, Mr. A. J. Thorburn; *Vice-chairman*, Mr. I. H. Williams; *Secretary*, Mr. S. F. Izzard.

International Standards Organisation.—The first meeting of the Council of the International Organisation for Standardisation was held in Zurich, July 17-20. The Council consists of representatives of standards organisations, analogous to the British Standards Institution, of eleven countries.

Retailers' Trade in May.—Board of Trade statistics show that independent retail chemists' sales increased by 9 per cent. in May, when compared with the corresponding period in 1946, but a slight decline (2 per cent.) is shown when compared with the April level. Sales of chemists' wares by large-scale retailers were 13 per cent. higher in May than a year earlier.

Soap Rationing.—Coupons available during ration period 1 of 1947/48 are the two upright pairs of small squares K1/2 and K3/4 in the large square No. 1. In ration books R.B.1 and R.B.4, coupon No.

$1/2$ is worth one ration, and the coupon No. $3/4$ is worth two rations of soap. The two whole coupons in ration book R.B.2 are each worth two rations of soap. The provisions of the Soap (Licensing of Manufacture and Rationing) Order, 1946, have been re-enacted with the amendments necessary to provide for the use of the appropriate coupons for soap contained in the new ration books which come into use on July 20.

Chemists Federation.—A meeting of the Chemists Federation Council was held on July 3, the president in the chair. The report of a meeting of the C.F. Propaganda Committee, held the previous day, was received and its recommendations approved. The response by C.F. manufacturers and wholesalers to the Propaganda and Publicity Fund was noted. An application for wholesaler membership from Graham Tatford & Co., Ltd., 95 Hayling Avenue, Portsmouth, was approved; a second application was not accepted. Recommendations for a new layout for the C.F. bulletin were approved. A discussion also took place on maintenance of supply of C.F. products to temporary (war-time) drug stores.

Purchase Tax on Holdalls. — A notice issued by the Customs and Excise authorities on July 14, supplementary to Purchase Tax Notice No. 78, states that the following bags and holdalls suitable for personal use are now regarded as chargeable at 100 per cent. under class 17 (toilet requisites): (1) Bags consisting of, or lined with, waterproof material, and incorporating a drawstring or similar closure, and of which either the length or the breadth is less than 12 in.; and (2) holdalls of any material that incorporate fittings designed for the retention of toilet articles. Other receptacles suitable for personal use come into class 10, chargeable at $33\frac{1}{3}$ per cent. unless made of leather, hide or skin, when the rate is 100 per cent.

Vitamin Tablets for Mothers.—The Minister of Food, in conjunction with the Minister of Health and Secretary of State for Scotland, announces that from August 1 every mother becomes entitled under the Welfare Foods Service to vitamin A and D tablets, free of charge, for thirty weeks after the birth of her child. The tablets will be supplied in addition to the free cod-liver oil supplied to the child. They will be obtainable at food offices, most maternity and child-welfare centres, and at other welfare-foods distribution centres. The mechanism

of supply is that a mother who has a baby under thirty weeks old at August 1 should apply to her local food office, after July 2 taking her own and the child's ration book with her. Coupons will then be given for the tablets. After August 1 mothers will be given the coupons automatically when notifying the food office of the birth of a child.

Chemical Society's Centenary. — The centenary celebrations of the Chemical Society were formally opened in London on July 15. Delegates were welcomed by Professor C. N. Hinshelwood (president). Professor Raymond Delaby (president, Chemical Society of France) congratulated the Society on behalf of all the delegates from overseas, and written addresses of congratulation were then presented by representatives of overseas chemical societies. The greetings of other learned societies of the United Kingdom were conveyed by Sir Robert Robinson (president of the Royal Society), and written addresses of welcome delivered by representatives of the various societies. The Pharmaceutical Society was represented by Mrs. J. K. Irvine (president). An exhibition, "100 Years of British Chemistry," was opened by Professor Hinshelwood at the Science Museum, South Kensington, London, W.7, on July 14. The exhibition closes on July 19. A full account of the centenary celebrations will be published in the next issue of THE CHEMIST AND DRUGGIST.

Seventy-fifth Anniversary Outing.

The seventy-fifth anniversary of the foundation in 1870 of Kembell, Bishop & Co. Ltd., was celebrated on July 12. The event had been delayed so that it could not be shared by those members of the staff who in 1945, were still engaged on various forms of war service. As guests of the company, more than 500 members of the managerial, research, office and workshop staff, with a number of retired members travelled in a fleet of coaches to Ramsgate where they were entertained to lunch. Later the assembly was addressed by Mr. J. E. Whitehall (chief managing director) and by Colonel H. F. Kembell (managing director). Other directors present were Messrs. E. L. N. Tuck and W. W. Muir. Messages of greeting were read by the secretary (Mr. S. F. Souvage) from the company's chairman (Mr. W. Cash) and from Sir G. H. Shakespeare and Mr. W. A. Wilks (directors). Suitable replies were dispatched from Ramsgate. Members of the party then dispersed to seek their own

entertainment in Ramsgate, returning later by coach to the works at Bromley-by-Bow. The story of the company since its fiftieth anniversary was commemorated in 1921 has been written by Mr. J. E. Whitehall and published as a souvenir booklet. Photographs of the directors, departmental heads and principal research workers are reproduced in the booklet.

LOCAL NEWS

Hounslow Branch Proposed. — Local pharmacists interested in the formation of a Hounslow Branch of the Pharmaceutical Society are invited to get in touch with Mr. W. H. Bowden, M.P.S., 92 Staines Road, Hounslow, Middlesex.

Derbyshire Executive Council. — Messrs. W. F. Croft and R. E. Twelves have been nominated by the county Pharmaceutical Committee to serve on the Derbyshire Executive Council set up under the National Health Service Act [Corrected note].

Cricket at Cambridge. — The annual cricket match between Townson & Mercer, Ltd., Croydon, and Cambridge University Chemical Laboratory, was played at Cambridge on July 5. The laboratory team declared at 182 for four. For Messrs. Townson & Mercer, Mr. J. Chamberlain scored 29 not out, Mr. J. Lunn 14 not out, Mr. S. G. Jones 13 and Mr. P. Chapman 15, and the final score was 109 for seven. At tea, Dr. U. R. Evans, for the labora-

tory, welcomed the visitors, and Mr. S. Jones replied on behalf of Townson & Mercer, Ltd.

J.I.C. Scale Revision Urged. — At a recent meeting of the committee of the North Staffs Branch of the Pharmaceutical Society, members urged that the wage scale of the National Joint Industrial Council for Retail Pharmacy should be revised. It was pointed out that the present scale bore no relation to the cost of living and was lower than rates already being paid to most pharmacists. The proposed increase in the standard of pharmaceutical education was also referred to as a reason for a higher J.I.C. scale.

Dundee Complimentary Dinner.—More than eighty former students and friends of Dr. David McCall (head of the pharmacy department, Dundee Technical College) were present at a dinner given in Dundee on July 3 to mark his appointment as assistant resident secretary in Scotland of the Pharmaceutical Society. In appreciation of his twenty-eight years at the college, an initialled leather wallet containing a cheque was presented to Dr. McCall by Mr. J. R. Milne, in the chair, who paid a tribute to the high reputation won by the college under Dr. McCall's guidance. Other speakers were Messrs. J. Anderson and A. A. Meldrum, and Drs. J. R. Whittaker (principal, Dundee Technical College), B. S. Robertson, and J. Tait (resident secretary in Scotland of the Pharmaceutical Society).



RESEARCH CENTRE FOR SMALL FIRMS.—A research centre, to help small firms as well as large industrialists can send their technical problems, was opened at Stoke Poges, Bucks, on July 3, by Sir Stafford Cripps (President of the Board of Trade). The Fulmer research centre, is non-profit-making, and is intended to fill gaps in Britain's research facilities. At left: Sir Stafford Cripps listening to opening address. At right: Sir Stafford Cripps examining a metal structure under a microscope.



COMPANY NEWS

ST. PAUL'S PHARMACY, LTD (P.C.).—Capital £100. Hilda Splitter is the first director. R.O.: 101-02 Hatton Garden, London, E.C.1.

A. & E. SHORT, LTD. (P.C.).—Capital £1,000. To carry on business of chemists, druggists, etc. Allen Short and Mrs. Evelyn Short, directors. R.O.: 32 Derby Road, Huyton, Lanes.

MILES LEITH, LTD. (P.C.).—Registered in Edinburgh. Capital £10,000. To acquire the business of a chemist and druggist carried on by Henry Miles Leith at 18 Bell Street, St. Andrews. Alfred Leith, 73 South Street, St. Andrews, and Henry M. Leith, 3 Hope Street, St. Andrews, directors.

NOSTAX, LTD., 5 Bournemouth Park Road, Southend-on-Sea, announce that Mrs. P. A. Lawford and Mr. F. Hodgkinson have been taken on to the board of directors.

T. F. BRISTOW & Co., LTD.—Mr. B. Carpenter, J.P., managing director, has resigned from that position but remains on the board.

YEAST-VITE, LTD.—Directors' report for the year ended March 31 shows a net profit of £101,718, against £163,532 in the previous year. Dividends paid on the ordinary shares (9s. 2d. per share) amounted to £90,750.

A. F. SHERLEY & Co., LTD.—Directors' report for the year ended March 31 shows a net profit of £7,280, against £5,850 in the previous year. Dividend on the 8 per cent. cumulative preferred ordinary shares amounted to £4,400 and on the deferred shares (25 per cent.), £2,750.

VENO DRUG CO., LTD.—Directors' report for the year ended March 31 shows a net profit of £273,260, against £244,696 in the previous year. Dividends paid on the deferred ordinary shares (2s. 3d. per share) amounted to £241,313.

BEECHAM MACLEAN HOLDINGS, LTD.—Directors' report for the year ended March 31 shows a net profit of £139,496, against £361,562 in the previous year. Dividends paid on the ordinary shares amount to 5½ per cent.

MACLEANS, LTD.—Directors' report for the year ended March 31 shows a net profit of £193,490, against £268,842 in the previous year. Dividend paid on the ordinary shares is 7½ per cent.

ENO PROPRIETARIES, LTD.—Directors' report for the year ended March 31 shows a net profit of £203,127, against £151,403 in the previous year. Dividend paid on the ordinary shares is 31 per cent.

ADDIS, LTD.—We are advised by Mr. R. Addis, a director of the company, that Addis, Ltd., Hertford, brush manufacturers, remains a wholly independent private

company, the shareholding of which is entirely held by himself and members of his family. No change in sales policy or methods of business is contemplated. A private company has been set up, jointly owned by Addis, Ltd., and Macleans, Ltd., under the title of Suffolk Brush Co., Ltd., which company operates premises at Haverhill, Suffolk, where it manufactures toothbrushes which are marketed by Messrs. Macleans.

LEGAL REPORTS

Manslaughter Verdict.—A sentence of twenty-one months' imprisonment, with five-year ban on driving, was passed on Gloucester recently, on a soldier who had been convicted of the manslaughter of a pharmacist of Charlton Kings, in a collision at High Street, Cheltenham, on February 14.

Lipsticks Theft.—At the County London Sessions, recently, Henry Batt, bricklayer, and his wife, both of Chiswick, were charged with receiving twenty-nine cartons, containing 16,704 lipsticks, valued at £1,000, the property of Colgate-Palmolive-Peet, Ltd., Leysfield Road, Shepherd's Bush. The husband pleaded guilty and the wife not guilty. Prosecuting counsel said that, having considered the whole matter, he was instructed to offer no evidence against the woman; the jury formally returned a verdict of "not guilty" in his favour, and Mrs. Batt was discharged. Counsel then dealt with the husband. He said that the lipsticks came from Colgate factory, which was broken into during the week-end of February 14-17, when property valued at £14,000 was stolen. In the middle of March, Batt and another (an unidentified) man called on a greengrocer at Paddington and sold her two cartons of lipsticks, part of the stolen property. Batt was seen, and a number of lipsticks were found in the false bottom of a pram. He said that his wife knew nothing about the matter, as some men had brought them to the house while she was in bed. He had sold a few of the lipsticks but he was not concerned in the robbery. In a later statement he described how a number of men had come to his address with a large quantity of lipsticks—more than, in fact, he was charged with receiving—and he had taken them. A detective-sergeant said that Batt had nine previous convictions, and his last previous sentence had been in 1941. The chairman passed sentence on him of twenty-one months' imprisonment.

TOPICAL REFLECTIONS

Constitutional Questions

The report of the Pharmaceutical Society's Council meeting on pp. 52-54 is the most interesting of its kind that I have read for a long time past. It is a healthy sign that a few of the Society's branches are sending resolutions to headquarters, even if these documents are, as a former member of the Council once jocularly remarked, consigned to oblivion in a cupboard. The resolutions from Leeds and from Durham County are linked by an underlying concern for sufficient public discussion as a prerequisite of change. As an example of how not to do it, the brevity of the interval between the recent interim report and final report on educational policy is fresh in the minds of members. I do not agree, however, with the Leeds opinion that no alteration or amendment to the Society's by-laws should be made without the sanction of a two-thirds majority of a branch representatives' meeting. When we think of the persistent apathy shown at Council elections, the chances of obtaining well-considered improvements by the agency of a delegates' meeting seem to be less than under the present system. Delegates are, admittedly, ready enough to speak at these meetings; but this is the readiness of a few. If a method of bringing the branches into effective consultation is found desirable, that method, I suggest, should be some kind of referendum, with sufficient time for each branch to discuss the question or questions submitted.

A Wise Decision

The decision of the Society's Council not to appeal to the House of Lords against the decision of the Court of Appeal on the definition of the words "substance recommended as a medicine" is wise. Any experienced man of business who has read the report of the judgment in your issue of May 3 and your first editorial article in the following week's issue will agree, I think, that the judgment was a "lucid and masterly exposition," and that the House of Lords could do little more than affirm the findings of the Court of Appeal, possibly with a further glance at the historical background of the case. It has to be remembered, of course, that courts of law can only deal with the subject-matter actually before them, and that their judgments are not intended to cover every conceivable difficulty. The Society is to be congratulated on receiving a copy of

Cockayne's "Leechdoms, Wort-cunning and Starcraft of Early England." That book is a classic in its own field, and there ought to be a rush of members to borrow it. Its three volumes consist chiefly of transcripts of Saxon manuscripts, edited and translated. Whether Mr. Cockayne's guess that a leech-book of the period, now in the British Museum, probably belonged to the Abbey of Glastonbury is unchallenged, I do not know: scholars have a way of differing about such ascriptions from generation to generation, and even from century to century. Your Special Issue of June 25, 1927, includes (on p. 811) a reference to this valuable authority. My comment on the astonishing proposal to hold meetings of the Society's Council in private must be kept till next week.

Marseille and Cinchona

The announcement (p. 40) that the International Commercial Fair of Marseille (why do English people generally add an "s" to that place-name?) is welcome. Anyone presiding at one of the popular "quizzes" might trap the unwary by asking for an association between the town and pharmacy. The answer would probably be "four thieves' vinegar," though the commodity originated, according to the received tradition, at Toulouse. Recently I saw a reproduction (on a reduced scale) of a decree, dated January 16, 1809, concerning a distribution of cinchona at Marseille. It appears that Napoleon, in his "affection touchante" and "attention paternelle" for his subjects, had ordered a distribution of cinchona in each of forty-two French cities and towns, and that Marseille was to receive about 550 kilograms of it. With due formality the mayor of the town ordered his decree to be exhibited, together with a copy of a letter from the Minister of the Interior, in the usual places. In France this drug inspired a poem by La Fontaine (published in 1682), a novel by Mme. de Genlis, and a play (presented at a Paris theatre in 1836), entitled "Amazampo, ou la Découverte du Quinquina." The play was a four-act tragedy based on the legendary secrecy imposed on Peruvian natives in the seventeenth century. From the description read I gather that it was of a melodramatic type, with plenty of imprisonment, murder, and sudden death. It was published in a magazine and as a brochure. One wonders how long a run it enjoyed.

Xrayser

BIRTHS

GRAHAM.—At Homeland Nursing Home, Glasgow, on July 8, Jessie, the wife of John Shearer Fletcher Graham, 34 Garthland Drive, Dennistoun, Glasgow, E.1, of a son.

MILLAR.—On June 12, the wife of Hugh Matheson Millar, M.P.S., Heathcote, 71 Norwich Road, Fakenham, Norfolk, of a son.

SKINNER.—At Dulwich, on June 20, Maud (née Turner), M.P.S., the wife of Eric Alfred George Skinner, M.P.S., of a daughter (Helen Dorothy).

MARRIAGES

CLARK - STEWART.—At Glasgow, on July 9, Alexander Clark, Buckie, to Anna Kay Stewart (eldest daughter of Mr. James Stewart, M.P.S., 16 Tealing Avenue, Glasgow, S.W.2).

DILLEY-HEATH.—At Hampstead, London, on July 12, Gordon Dilley, Ph.C. (a member of the editorial staff of *THE CHEMIST AND DRUGGIST*) to Josephine Elizabeth Heath, Portsmouth (Apothecaries' Hall dispenser, who served until recently as a Supervising V.A.D. attached to the Royal Navy).

KENYON-DIXON.—At East Grinstead, recently, H. Geoffrey Kenyon, Minehead, to Margaret Dixon (daughter of Mr. P. G. Dixon, M.P.S., Southerndown, Portland Road, East Grinstead).

KISSANE-FITZGERALD.—In Dublin, recently, Joseph Anthony Kissane, M.P.S.I. (son of the late Mr. J. Kissane, M.P.S.I.), 17 Dominick Street, Galway, to Una M. Fitzgerald, B.A., Dublin.

SCOBIE-STEWART.—At Pitlochry, on June 30, John Thomas Scobie, Glasgow, to Jean Ross Stewart, M.P.S., Gatehouse, Pitlochry, Perth.

WELSH-WRIGHT.—At Knaresborough, on July 5, Thomas Murray Welsh (captain, R.A.M.C.), eldest son of Mr. Thomas Welsh, M.P.S., 28 Wall Street, Moffat, Dumfries, to Ann Elizabeth Wright, S.R.N., Norwich.

Silver Wedding.—**ARTHUR-GUINEA.**—At Paisley, on June 27, 1922, Francis William Alexander John Arthur, M.P.S., to Mary Hannah Guinea. Present address, 2 Heath Avenue, Lenzie.

DEATHS

BENHAM.—On June 21, Mr. Leo Benham, M.P.S., 33 Montpellier Parade, Harrogate, aged sixty-four.

DANIEL.—On June 24, Mr. Hubert Fitzgerald Daniel, M.P.S., 9 Garratt Road, Edgware, Middlesex. Mr. Daniel qualified as a chemist and druggist in 1911 and passed the Pharmaceutical Chemist examination the following year.

EASTON.—On June 30, Mr. Robert Alexander Easton, Melbourne, Australia. Mr. Easton qualified as a chemist and druggist in 1898 and went to Australia in 1912.

KNOWLES.—On June 28, Mr. George Knowles, 135 Ravenshurst Road, Birmingham, formerly of 305 Monument Road, Birmingham, aged seventy-three. Mr. Knowles qualified as a chemist and druggist in 1901.

MEAD.—At the home of his daughter Mrs. H. Lonsdale, 7 Broadclough Villa, Bacup, Lancs, on July 1, Mr. Herbert Mead, M.P.S., aged sixty-three. Since about 1924 Mr. Mead had been in business at 3 St. James' Street, but retired recently after selling the business.

SIMNETT.—On July 2, Mr. Spencer Rill Simnett, M.P.S., 128 High Street, Beckenham, aged sixty-three.

WILLS

MR. JAMES PATRICK, M.P.S., Holmlie Kincardine on Forth, left £8,768.

MR. ARTHUR BRAND, M.P.S., King Richard's Road, Leicester, left £1,328, with net personalty £1,270.

MR. JOHN PRINGLE FORBES, M.P.S., Clive Avenue, St. Annes-on-Sea, Lancs, left £15,761, with net personalty 15,710.

MR. WALTER ERIC JAMES, M.P.S., Sudbury Croft, Wembley, Middlesex, left £2,169, with net personalty £1,901.

MISS MARY E. A. JOHNSON, M.P.S., Queen Street, Cardiff, left £12,108, with net personalty £9,815.

MR. MARTYN WALMSLEY, M.P.S., Gloucester Road, Kingston-on-Thames, Surrey, left £9,748, with net personalty £9,689.

MR. FERGUS FERGUSON STEWART, M.P.S., Myrtle Bank, South Queensferry, W. Lothian, formerly of Lasswade, Midlothian, left personal estate in England and Scotland valued at £19,076.

MR. HAROLD HULBERT GIBSON, 1 Wellington Crescent, Whalley Range, Manchester (chairman and managing director of Robt. Gibson & Sons, Ltd., Hulme), left £21,393 with net personalty £20,997.

MR. ERNEST LOUIS NELSON NELSON Ph.C., Brycheurste, Burchetts Green, Maidenhead, Berks, and 73 Duke Street, Grosvenor Square, London, W.1 (former of A. Nelson & Co., Ltd., chemists), left £5,432, with net personalty £1,732.

PERSONALITIES

MR. E. C. HASKINS, M.P.S., 34 Bathwick Street, Bath, has qualified Fellow of the Spectacle Makers' Company.

MR. DAVID W. PAYN, who has been appointed assistant secretary to the Proprietary Articles Trade Association, has been with the Association since 1928. After serving in the Honourable Artillery Company, Mr. Payn was commissioned into the Royal Engineers (T.A.) in 1938. In November 1945, he was released from the Army with the rank of Major, and resumed duties with the P.A.T.A.

MR. J. DAVIDSON PRATT, M.A., B.Sc. (director and secretary, Association of British Chemical Manufacturers) received the C.B.E. from the King at Buckingham Palace on July 8. Mr. Davidson Pratt was seconded to the Ministry of Supply during the war, where he held the position of Controller of Chemical Defence Development.

MR. R. G. TREMLETT, M.P.S., who has been appointed secretary of the Portsmouth

Chemists' Association, has been connected with the profession in Portsmouth for many years. After serving an apprenticeship with his father, Mr. P. G. Tremlett, sen., he took over a business from him in 1930, and for the years 1944-45 served as president of the Association. He owns

pharmacies at Fratton Bridge, Portsmouth, and 117 Winter Road, Southsea. During the recent war Mr. Tremlett was gas identification officer for Portsmouth, Commandant of the Hants 11 men's detachment of the British Red Cross Society, and an instructor in the local rescue service (Civil Defence).

MR. ROBERT ROUTH (owner of Stablond Laboratories, Ltd., and Health Products Laboratories, Ltd., and president of the International Research & Publicity Syndicate, Inc., New York), visited England recently after a seven months' tour of Africa, India, and the Far East, where he has been studying trends in commerce and advertising. Mr. Routh found that most of the Far Eastern markets are undeveloped so far as the modern proprietary business is con-

cerned. The main problem in India, he says, is how to reach the people who can buy. Out of 400 million inhabitants, only about five million can read, thus a means has to be devised for selling cosmetics and allied lines to a prospective but non-reading market. The combined Press in India has a circulation of less than a million. In South Africa proprietary goods made in Britain were scarce, but plenty of United States goods were available. There has been a swing-over to a buyers' market there.

MR. B. R. SMITH, M.P.S.I., who has been appointed secretary of the Irish Drug

Association, is one of the most active personalities in Irish pharmaceutical affairs. He is still in his thirties. Mr. Smith entered pharmacy as an apprentice at E. W. Massey, Ltd., 13 Harcourt Street, Dublin, and qualified while serving there as a Licentiate of the Irish Pharmaceutical Society in 1933. In 1934

Mr. Smith was invited by the then Dublin & Provincial Retail Drug Association to undertake the work of organising a trade body for pharmacy in Eire. From that time the membership of the Association rose steadily, and by 1936 the activities of the Association covered such a wide area that an all-Eire body, now known as the Irish Drug Association, became necessary. The I.D.A., with a present membership of around 900, has become the most strongly organised trade body in Eire. Mr. Smith has travelled to England to represent the I.D.A. on many occasions. In addition, he acted for several years as secretary of the dance committee of the Benevolent Fund of the Irish Pharmaceutical Society, takes an active interest in sport, including water polo, rugby football and golf. He is proud to recall that he is a founder member of the Irish Chemists' Golfing Society, of which he was Captain in 1940. He is a keen gardener and is a member of Malahide Horticultural Society and the Royal Dublin Society. The other things Mr. Smith "likes best in life," he states, are antiques, French and Italian art galleries, Shakespeare and English poetry.



TRADE NOTES

Cobra Venom.—The Indigenous Manufacturers & Produce (Sales) Co., 160 Govindappa Naick Street, Madras, India, are in a position to supply small quantities of pure dried cobra venom.

Price Changes.—Ciba, Ltd., issued on July 1 a supplement, giving price reductions and discount changes in a number of their preparations since publication of their April price list.

Allocation Scheme.—Vitamins, Ltd., 23 Upper Mall, Hammersmith, London, W.6, announce that they have been able to convert their cash-with-order ration scheme for Bemax into an allocation scheme with normal invoicing [Corrected note].

Penicillin Prices.—Hirst, Brooke & Hirst, Ltd., Sheepscar Works, Leeds, have issued an eight-page booklet giving the prices of their Notapen series of penicillin preparations. Copies are available to chemists on request.

Again Available.—T. J. Smith & Nephew, Ltd., Neptune Street, Hull, announce that Elastoplast 1 in. x 1 yd. elastic adhesive plaster is again freely available. Display outers have been produced to facilitate counter sales.

Razor Blades.—Announcements that supplies of razor blades are available appear in this issue by GILLETTE INDUSTRIES, LTD., Great West Road, Isleworth, Middlesex (Gillette and 7 o'clock blades) and by GEORGE H. LAWRENCE, LTD., Sheffield, 3 (Laurel blades.)

Supplementary Price List.—The July issue of the "Quarterly Record" of the Proprietary Articles Trade Association contains a complete supplement to the 1946 protected list and year-book, embodying all additions, alterations, and corrections to June 30.

Correction to Advertised Price.—John Wyeth & Brother, Ltd., Clifton House, Euston Road, London, N.W.1, announce an adjustment in the price given for Proctoid 12 in the company's announcement in the July 12 issue of THE CHEMIST AND DRUGGIST. The price to the public, less purchase tax, should be one penny less than the figure given in the announcement. No correction is called for in the tax-inclusive price there given.

Holiday Closings.—HOWARD-TAYLOR LTD., 94 Balham High Road, London S.W.12, are closing for their annual holidays from August 2 until August 11; the company's office at 89 Kingsway, London W.C.2, will be closed during the same period.—THOMAS ROBINSON, LTD., manufacturing chemists, Boundary Works, Boundary Street East, Manchester, 1, will be closed for holidays from August 2 until August 11.—S. SIGAL & Co., LTD., 4 Tabernacle Street, London, E.C.2, will be closed from July 25 until August 11.—WHITE, TOMPKINS & COURAGE, LTD., state that the company's works will be closed for the annual holiday from August 8 until August 18.



BEAUTY SALON.—Coty (England), Ltd., have reopened their beauty treatment and advice salon in larger premises at 3 New Bond Street, London, W.1. Staff experts advise on perfumes, cosmetics, make-up

Insect Lotion Reintroduced.—Crookes Laboratories, Ltd., Park Royal, London N.W.10, have just reintroduced Kavol insect-bit lotion, a cream emulsion incorporating 35 per cent di-methylphthalate with 0.1 per cent chlothymol and oil of lavender. Primarily an insect repellent, the product also soothes and gives relief from irritation caused by bites, state the manufacturers.

Display Stand.—Illustrated below is a new display stand issued by Goya, Ltd., 161 New Bond Street, London, W.1, for Goya specialities. The body of the stand, pink in colour, is of wrought iron, the shelves



and name-piece are in transparent plastic, and the lettering is in dark blue. These stands are not freely available to all Goya stockists, but the company's representatives have been given limited supplies for distribution to customers. The height of the stand is approximately 20 in. Messrs. Goya have recently introduced two new shades of face powder: Rose pink, for summer use by women whose skin is not turned brown by the sun, and Cuba tan, a definitely brown shade for the darker-skinned woman. Both are available in standard and travel sizes.

BUSINESS CHANGES

MR. M. A. PHILLIPS, D.Sc., F.R.I.C., A.M.I. Chem.E., one of the discoverers of M & B 693, has been appointed technical adviser and consultant to Hazell Chemical Products, Ltd., with effect from July 1.

JULES LANG & SON, 96 Hatton Garden, London, E.C.1, are transferring their Manchester office on August 1 to Chronicle Buildings, 74 Corporation Street, Manchester, 4.

C. & D. DISPENSING PRICE LIST

THE following price changes which took place during June should be noted.

Cost		Due allowance has been made for purchase tax in both cost and dispensing prices	Dispensing price		
d.	per		4 oz. s. d.	1 oz. s. d.	1 dr. s. d.
25	lb.	Adeps benzoatus	0 11 0	3	—
53	lb.	Balsamum sulphuris	1 11 0	7	0 1
24	oz.	Calcii acetylsalicylas ..	— 3 7	0 6	
144	lb.	Cera carnauba flava ..	5 2 1	6	0 3
66	lb.	Cinnamomi cort. pulv.	2 5 0	8	0 2
28	lb.	Coriandri pulvis ..	1 0 0	3½	—
84	lb.	Ferri et ammon. citras virid. ..	3 0 0	10	0 2
91	lb.	Glycerin. pep-sini, B.P.C.	3 9 1	1	0 2
10	oz.	Hydrargyrum	— 1 6	—	
49	lb.	Inf. aurantii conc. ..	1 9 0	7	0 1
52	lb.	Inf. aurantii co. conc. ..	1 11 0	8	0 1
35	lb.	Linctus scillæ co., B.P.C., (P. 1 (13))	1 6 0	5	—
70	lb.	Lin. camph.	2 6 0	8	0 1½
54	oz.	Ol. pimento Ang. ..	— —	—	1 3
76	oz.	Ol. santali E.I	— —	—	1 9
32	lb.	Ol. sinapis express. ..	1 2 0	4	—
54	lb.	Ol. theobrom.	2 0 0	7	—
16	lb.	Paraffinum durum (2 lb.)	0 8 0	2½	—
104	lb.	Sandarac ..	3 9 1	0	0 2
36	lb.	Sapo animalis pulv. ..	1 4 0	5	—
39	lb.	Sapo durus pulv. ..	1 5 0	5	—
23	oz.	Senega pulv.	— 3 5	5	0 6
12	mega 1/10	Penicillinum sodium	per vial		1 5½
19	1/2	(yellow)	per vial		2 3½
40	1/2				5 0
76	1				9 6
84	mega 1	Penicillinum calcium ..	per vial		10 6

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

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Paper for advertising circulars was the subject of a question by MR. SOMERVILLE HASTINGS, who asked the President of the Board of Trade whether, "in view of the shortage of educational books and the wasteful production of advertisements of medical and other products sent through the post," he would consider appointing a small committee to make recommendations as to the best use of the paper that was available. SIR STAFFORD CRIPPS refused the suggestion, saying that allocations of paper for different purposes were already considered periodically by an Inter-Departmental Committee, and he did not consider that the appointment of a further committee would assist the production of educational books. Mr. Hastings then further suggested that doctors were being "deluged" with circulars concerning medical products in which they had no interest, and asked whether some way could not be found to save "all that paper."

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MR. BEVAN: The Government will seek the approval of Parliament to legislation on this subject. We intend to introduce a Bill before the end of the Session, although it cannot be passed during the Session, in order to make the detailed proposals fully known so soon as possible, I hope there will be general agreement with them.

Shortages of Containers

Shortages of metal containers prompted MR. SKEFFINGTON-LODGE to ask the Minister of Supply whether he was aware of a shortage of metal containers for foodstuffs and for other uses, and whether in the interest of building up adequate stocks of processed foods, he would arrange for canners to receive henceforward a larger allocation of the metal available.

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Pest Control.—In parts of Cheshire, as in other English counties, a plague of caterpillars has appeared and we have just been told that a farmer near Crewe, "using a shot-gun, brought down several thousand." —"Manchester Guardian."

PROPRIETARY ARTICLES TRADE ASSOCIATION

MEETING of the Council of the Proprietary Articles Trade Association was held on July 10, Mr. H. G. Middleton (president) in the chair. THE PRESIDENT referred to the death of Mr. J. Godber, and to his services to the Association as a member of the Council for nearly forty years and as president on three occasions. A resolution expressing the Council's sympathy with Mr. Godber's family, and with the company with which he had been associated, was passed in silence. A letter from Mr. J. Milner, tendering his resignation, for reasons of health and age, as a member of the retail section of the Council, was received with regret. On the motion of THE PRESIDENT, a resolution recording the Council's appreciation of Mr. Milner's valuable service as member of the retail section and the Executive Committee, and as president, was passed unanimously. Messrs. J. D. John and J. Milner were unanimously elected honorary members of the Council.

The Council received the report of the trustees of the Glyn-Jones Memorial Fund for 1946-47. MR. CHAPMAN (as trustee representing the P.A.T.A.) reported that as a result of the generous response to the appeal made in 1946 the trustees had been able to assist all fifteen deserving applicants.

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"The Council wish it to be understood that the supply or non-supply of P.A.T.A. goods to traders whose names do not appear in the stop list is a matter for decision by the individual manufacturer or wholesaler concerned, subject to observance by the latter of the general conditions and principles of P.A.T.A.

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Mejenel, Ltd. (Agents: *Thos. Christy & Co., Ltd.*), 1 doz. tins Mejenel ready-made poultice are invoiced to chemists as 11/12ths doz. in return for window display.

Genatosan, Ltd.—Barbitone tablets, 5-gr., 25's 18s. doz., tax 3s. doz., inclusive retail price, 2s. 6d.; 100's, 63s. doz., tax 10s. 6d. doz., i.r.p. 8s. 9d. Cal-sprate tablets, 20's 9s. doz., tax 1s. 6d. doz., i.r.p. 1s. 3d. Casydrol oral 350-gm., 12s., 96s. doz. (exempt from tax); 500-gm. size withdrawn. Methyl thiouracil tablets, 0.05-gm., 100's 16s. doz., tax 2s. 8d. doz., i.r.p. 2s. 3d.; 0.1-gm., 100's, 24s. doz., tax 4s. doz., i.r.p. 3s. 4d.; 0.2-gm., 100's 42s. doz., tax 7s. doz., i.r.p. 5s. 10d. Thiouracil tablets, 0.05-gm., 100's 22s. doz., tax 3s. 8d., i.r.p. 3s. 1d., 0.1-gm., 100's, 32s. doz., tax 5s. 4d. doz., i.r.p. 4s. 5½d.; 0.2-gm., 100's 56s. doz., tax 9s. 4d. doz., i.r.p. 7s. 9½d., £5 orders for Genatosan products less 10 per cent. for counter or window display. Former terms of 7½ per cent. on £3 orders withdrawn. Agents in Eire: Fasset & Johnson (Ireland), Ltd., 6 Crow Street, Dublin.

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NATIONAL PHARMACEUTICAL UNION

THE monthly meetings of the Executive of the National Pharmaceutical Union and of the directors of the Chemists' Defence Association were held in London on June 25.

National Health Service

The proceedings at the Conference of representatives of Pharmaceutical Committees held on May 28 were considered with special reference to the composition of the body to negotiate the terms of service and remuneration for proprietor pharmacists. Decisions were taken on the machinery for negotiation in the event of the Joint Committee on a National Pharmaceutical Service not agreeing that the claim that the Joint Contractors' Committee should have executive powers in dealing with terms of remuneration and service was valid. Messrs. Graham, Hudson and Sparshott were appointed to represent contractors in England in discussions with the Ministry of Health and representatives of pharmacists practising in Scotland, on the suggestion that there were substantial differences in pharmaceutical practice in the two countries that ought to be reflected in different terms of remuneration. The Executive also considered communications from the Ministry of Health on the design of a prescription form for use until the National Health Service Act came into operation, and the design of a form for use under that Act. Wording in the form indicating an apparent intention on the part of the authorities to carry over into the new service certain features that had proved objectionable pharmaceutically under the N.H.I. service was noted for attention. It was decided that a number of pharmacists engaged in pharmaceutical service and familiar with the special problem of rural area practice should be invited to join, with four representatives from the Central N.H.I. Committee, a special committee to investigate the problem of pharmaceutical service in rural areas, and to report to the Executive.

Olive Oil

In his report, THE SECRETARY stated that the Ministry of Food had been informed (a) that, if there was to be any question of the release of olive oil to the food trades for general sale, pharmacists could no longer be expected to reserve supplies to customers presenting medical prescriptions; (b) that the current level of supplies of the oil to retail pharmacists was

well below the level of demand for medical purposes, and (c) that, as current demand on prescriptions were deliberately kept at a low level by the medical profession, an increased quantities of oil should be released through pharmaceutical channels until it was certain that all reasonable medical needs could be met and the prescription requirement withdrawn.

Progress was reported in the drafting of standards for apothecaries' measures by a special Committee of the British Standard Institution.

Distribution of Toilet Preparations

The Executive decided to make representations to organisations representing toilet manufacturers and distributors urging them to modify the war-time practice of issuing standard quota parcels and to restore retailers to the position in which they could exercise choice in the range of goods they wished to buy.

Other matters dealt with included correspondence with the Central Price Regulation Committee on specific maximum price Orders, which were under review with a view to amendment; the effect of changes in the labelling of proprietary wines under the Labelling of Foods Order on sales by chemists holding wine licences and arrangements for Branch meetings in the 1947-48 session.

Chemists' Defence Association

SETTLEMENTS were reported of two outstanding cases at a cost of £5 each. A spell of hot weather was shown to be a factor in a number of claims that had arisen since the previous meeting. They included claims for injuries due to expulsion of strong solution of ammonia from a container on removal of its closure (three cases); to a similar incident with hypochlorite cleansing solution; and for damage to household goods through the bursting of bottles. The directors urged members to take precautions, both by labelling and by verbal warning, to minimise risks of damage to persons and property through such effects of heat. In response to an inquiry, the directors ruled that ear-syringing was not part of the normal business of a retail chemist, and that any claim arising therefrom was outside the terms of the indemnity. It was also decided that the indemnity benefit for members in Northern Ireland should be brought into line with that in operation in Great Britain.

NORTH BRITISH EXECUTIVE

A MEETING of the Executive of the North British Branch of the Pharmaceutical Society was held in Edinburgh on July 9, Mr. W. A. Beattie (vice-chairman) presiding.

Mr. BEATTIE welcomed the two new members of the Executive, Messrs. E. Fraser, Buckie (who was unable to be present) and H. T. Thomas, Kelso, and referred to the previous chairman, Mr. A. Murray, who had first become attached to the Executive in 1918. Mr. Beattie expressed the hope that Mr. Murray would be returned to the Executive in a future election.

Mr. Charles Gray Drummond, Edinburgh, was unanimously elected *Chairman*, Mr. Robert McAdam, Glasgow, *Vice-chairman*. The following committees were appointed: *General Purposes Committee*: The chairman, vice-chairman, and Messrs. J. Anderson, W. S. Culbert, A. B. Gilmour, C. W. Macfarlane and H. T. Thomas. *Nomination of Examiners Committee*: The chairman, vice-chairman, and Messrs. J. Anderson, T. Guthrie and A. A. Meldrum. *Education Committee*: The chairman, vice-chairman, and Messrs. W. A.

Beattie, R. J. Cowie, G. T. Lamb, C. W. Macfarlane and A. A. Meldrum. *Parliamentary Committee*: The chairman, vice-chairman, and Messrs. C. Coutts, W. S. Culbert, A. B. Gilmour, J. B. MacDonald, and J. H. Tainsh.

It was reported that the president and vice-president of the Society hoped to attend the October meeting of the Executive. THE CHAIRMAN said that the innovation of holding the annual meeting in the afternoon and of inviting branch representatives had proved worth while and he hoped the procedure would be repeated in years to come. It was left to the chairman and resident secretary to arrange for an inaugural sessional address and for subsequent meetings. A summary of a discussion on the revision of the Society's constitution which took place at the annual meeting of the North British Branch on June 25 was handed round the table. It was agreed that the question should be deferred and dealt with first by a committee which would report to the Executive. A statement from the Executive would then be forwarded to the Council in due course.

NEW ULSTER WAGE AGREEMENT

NEGOTIATIONS between the Ulster Chemists' Association and its Associates' Section have resulted in a new scale of wages which was recommended by the Joint Council to come into effect on July 1. No alterations have been made to the existing terms and conditions of employment and the scale for unregistered assistants remains unaltered, but is made applicable to females only. No scale has been fixed for male unregistered assistants since it was agreed that, in the best interests of pharmacy, their employment should be discouraged. The Executive Committee has recommended that no male unregistered assistants should be admitted as new entrants into pharmacy after July 1.

The new scale provides that apprentices who commenced before June 1, 1946 (without indentures) shall receive £30 for their first year rising to £40 in the second, £55 in the third, and £70 for the fourth year, making a total of £195 for their period of apprenticeship. Those commencing after June 1, 1946, and indentured, receive £18, £24, £36 and £42 for the four years, making a total of £120.

On completion of apprenticeship unqualified assistants are to receive £3 5s. the first year, rising through £3 15s. and £4 5s.,

to £4 15s. in their fourth year. The scale for assistants who have qualified is fixed at £4 10s. in the first year rising through £5 2s. 6d. and £5 15s. to £6 15s. in the fourth year. The wages to be paid to a pharmaceutical chemist are to be computed according to the number of years he or she has worked in pharmacy after completion of apprenticeship, not after the date of qualification. Time spent in day classes at a technical school does not count as time worked.

Scales for Managers

For managers and branch managers, the new weekly scale is £7 5s. for shops with two or less full-time employees, and £7 10s. for shops with three or more full-time employees. For managers on behalf of executors the rates are £7 10s. and £7 15s. respectively, and for Ph.C. superintendents of limited companies who are also directors, £8 10s. and £8 15s. The fee for locums is £8.

For female unregistered shop assistants, a weekly wage of £1 per week commencing at 15 years of age and rising by 5s. a year to £2 10s. at 21 and £3 10s. at 25 is recommended. The rate does not apply to porters, messengers or book-keepers, etc.

MAKING A CLINICAL THERMOMETER

The story of the manufacture of a clinical thermometer from the raw material to the packing of the finished instrument

THE first stage of the manufacture of clinical thermometers—the production of lensed thermometer tubing—takes place at a glass works. As no machine has yet been devised which is capable of tackling certain of the processes, craftsmen, known as blowers, carry through the whole manufacture by hand, positioning the familiar white enamel-glass strip and finally drawing the tubing until the bore is only 15 sq. μ in cross section, relying on a skill and judgment acquired over years of practice.

Ingredients of the Glass

For producing glass of sufficient clarity, pure (iron-free) sand from Fontainebleau is used. On arrival at the glassworks, this is dried in warmed rooms and then sieved, mixed with weighed quantities of red lead, potash, saltpetre, borax and waste glass from previous meltings (cullet), and placed in barrows. The barrow loads, or batches, are finally fed into earthenware pots heated to some 1,320° C. in an oil-fired furnace, where they are fused into glass ("metal" in the language of the industry).

The manufacture of the refractory "pots," shaped like beehives, is carried out on the premises by craftsmen using centuries-old methods. Powdered clays from Yorkshire and Cornwall are mixed by sieving, and the product mixed with water to a suitable consistency. Air is expressed from the mass by treading with bare feet. Rolls are made with the final product, and with these a skilled operator builds up the pots by hand, working on some twenty at a time. The wet pots are dried gradually in air-conditioned rooms for periods up to two years and are then removed to a "pot-arch" where during a period of a week they are heated up gradually to the temperature of the furnace. At yellow heat they are transferred to the furnace.

After about three days' heating in the pot, a batch has completely melted, and is ready for use. Using a blowing iron (a stout iron tube about 5 ft. long), a blower gathers out of the pot sufficient of the "metal" to make the core of the final tube, the "metal" adhering to the end of the blowing iron like a mass of glowing liquid glucose. Constantly rotating the iron, the blower places his mouth over the free end and blows a long bubble into the mass (a "ball of metal"). On his accurate judg-

ment of the size of the bubble (which is to become the capillary bore of the clinical thermometer tubing) the success of the draw largely depends. After softening the ball in a "glory hole" (a small furnace), the blower flattens it between tongs, causing the bubble to assume an oval cross-section, so that in the final thermometer stem a maximum area of mercury may be presented to view.

In the next stage the blower dips the ball half-way into a pot of enamel-glass (so incorporating the white enamel strip—a process which has defied mechanisation), and cuts off with scissors the excess which is streaming away. The embryonic tubing is dipped again into the original pot of metal to receive its last layer of glass, and the final ball of metal is then ironed smooth by "mavering" (rolling to and fro on a polished steel slab). After softening again in the glory hole, the ball is ready for lensing which is done by dropping it into a V-shaped mould, where it takes on a lens-shaped cross-section, which is retained throughout the rest of the process.

The final part of the process is the actual drawing of the tube. After softening in the glory hole, the lensed ball is taken to the end of a fifty-yard tunnel and joined to a "post" (a steel rod some 5 ft. long), held by a second worker, who then walks backwards at a carefully controlled rate down the tunnel away from the blower, drawing the soft ball of metal into an ever-thinning filament. When the workers estimate that the bore is of the required size (they are then about fifty yards apart), the tubing is laid on a wooden ladder to cool and is then cut up into suitable lengths (canes), samples being examined microscopically to check the cross-sectional area of the bore (approximately 15 sq. μ , and impossible to see with the naked eye). The tunnel, which is made of corrugated iron, serves to exclude draughts while the drawing is in process. After an examination for flaws, the tubing is sent to the works of a clinical thermometer manufacturer for the second stage of the manufacturing process—the production of the final instrument.

Clinicals Take Shape

On arrival at the thermometer works the "canes" are cut into short lengths and are grouped according to the bore size, which is estimated microscopically. They are then

removed to a "glass-working room" where girls sitting in rows at benches use gas blow-pipes, giving needle-like flames for fixing the bulb on to the thermometer stem. Each section of tubing is heated at one end and compressed air, which is "laid on" to a small nozzle, is blown in to form a swelling. The bore is thus enlarged and prevented from becoming sealed in the next stage when a section of thin-walled cylinder (to become the bulb) is attached. To prevent the bulb from shrinking or changing its shape on storage the precaution is taken of using "normal" glass for the cylinder (distinguished by a thin blue line running the length of the cylinder). The diameter of the cylinder selected depends on the size of the bore of the thermometer tubing. When attached, the cylinder is sealed accurately to give a bulb of correct length, and the partly-finished thermometers are filled with mercury under pressure by a special process. A safety cavity is then formed at the end of the stem and the thermometers are heated in an oven for several hours to remove strains which have been incorporated in the glass, thus eliminating possible changes of shape on storing.

When the thermometers are cool, highly trained technicians, working with tiny flames, make the valves or constrictions in the bores which prevent the mercury column from returning to the bulb when the thermometer is removed from the patient. A technician first makes a small ovoid swelling in the bore, judging the size by eye, then by a suitable manipulation of the thermometer in the flame flattens the swelling into a disc shape, until the walls almost touch. He finally melts away part of the disc-shaped aperture, so leaving only a very small space. In order to pass through this space the mercury has to force the glass apart, so that the constriction acts like a valve, depending for its efficiency on the elasticity of the glass and accuracy of the size of the aperture. The thermometer is then adjusted so that it will show the correct temperature range, the air is expelled and the thermometer end rounded off.

Calibration

For calibration the thermometers are first placed in thermostatically controlled water baths at temperatures corresponding to the lower and higher ends of the scale, and a mark is made with a hard steel knife at the points to which the column rises at each temperature (calibration mark). As the distance between the calibration mark differs slightly for each thermometer, the

scale of each instrument has to be divided separately. This process, which used to be tedious, is now done speedily by a machine which works on a principle of geometrical projection. The operator adjusts the machine for the lower and upper limits of the scale and the machine does the rest—scratching the scale in wax with which the thermometers have previously been coated. After the brand name and degree figures have been inscribed in the wax coating by another machine the thermometers are removed to a hydrofluoric acid bath, where they are etched, and are then washed and "degreased" (the wax being recovered). A silica filling is afterwards worked into the etched engraving, so that the markings show clearly and remain indelible.

The thermometers are tested by immersing in thermostatically controlled baths and then comparing the temperatures registered with those standard thermometers certified by the National Physical Laboratory. Those which have an accuracy of not less than $\pm 0.1^\circ$ F. are passed for dispatch.

The Editor is indebted to S. Brannan & Sons, Ltd., thermometer manufacturers, Clinitherm Works, 48 London Road, Forest Hill, London, S.E.23, and James Powell & Sons (Whitefriars), Ltd., Whitefriars Glass Works, Wealdstone, Middlesex, for their help in compiling this article.

FIFTY YEARS AGO

A Memory of John Dalton

(From the C. & D., July 17, 1897)

FOR the first time the Society [of Chemical Industry] met at Manchester. The meeting . . . was opened under the presidency of Dr. Schunck, F.R.S. [an early Fellow of the Chemical Society, having been elected in 1842; he was distinguished for his researches upon natural and artificial colouring matters]. . . . Dr. Schunck was received with applause. He gave some exceedingly interesting reminiscences of the chemical industry in Manchester during the first half of the century . . . He remembered how Dalton appeared every morning out of his bedroom window, which opened on to the school yard, and looked at his thermometer outside. Very soon after he would appear at the front door of the house, arrayed in his snuff-coloured Quaker dress, knee breeches and broad-brimmed hat, stooping, as most thoughtful men do, with a large lantern in his hand with which he proceeded across the street to his laboratory in the building belonging to the Literary and Philosophical Society.

STAGES IN THE

Processes seen at the glass and the thermometer work



A "blower" softening a "ball of metal" attached to the end of a "blowing iron," in a "glory hole" furnace. Enamel-glass strip is seen on top of the "ball" and a narrow bubble (to form thermometer bore) in the centre



"Maving" a "ball of metal" (on a polished steel slab)



A worker (left) fixes a "post" to the finished ball prior to drawing

A
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the

MANUFACTURE OF CLINICAL THERMOMETERS

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Cannan and Sons, Ltd., London



...ing the tubing in the tunnel. Note cooling ladders



Forming the constriction in the bore



...asuring the cross-sectional area of bore



Removing thermometers from calibration bath.
Below: Dividing the scale on wax-covered thermometer



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THE CHEMIST AND DRUGGIST

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Same Old Gag

DURING the lifetime of most members of the Pharmaceutical Society, representatives of the independent pharmaceutical Press have been present at the monthly meetings of the Council. Indeed, a member would have to be a good deal older than the allotted three score years and ten to recall the last occasion upon which a resolution was put forward to exclude reporters, for it was in 1882 (*C. & D.*, 1882.I.30) that the then Editor of THE CHEMIST AND DRUGGIST wrote:—

"We are in some sort to do penance; we are only to be admitted 'at the discretion of the Council.' Besides that, the displeasure of the Council is to be manifested by withholding from us henceforth the agenda paper of the monthly meetings."

The circumstances on that occasion were exceptional, but worthy of note:—

"On the 4th of this month our representative was prevented by illness from attending the meeting of the Pharmaceutical Society. His inability was telegraphed only an hour before the Council met, and we were unable to make other arrangements. Consequently, for the first time since the opportunity has been given, we have not been represented at the usual monthly meeting of the Council. . . . The subject of reporting Council meetings seems to have been selected as the chief topic of discussion on the occasion, and as the shortcomings and crimes of our unworthy selves were introduced very early in the course of the entertainment, a fair degree of unanimity among the councillors was assured."

Wiser counsels prevailed, however, and so far as our recollection goes the Press has been admitted ever since.

Our reporter was not ill when Mr. C. W. Maplethorpe gave notice of motion re-

cently to secure private Council meetings (see *C. & D.*, July 12, p. 52). Absent he certainly was, because the notice was given after the public business of the Council had been concluded. We may be pardoned, perhaps, that the thought current in our Editorial mind is something like "We have been here before" or "This is where we came in."

Members of the Council proposing secret sessions in 1882 apparently overlooked a fact to which their attention had been called about a year earlier, when, as reported in the *C. & D.*

"The president remarked that the Press reporter was not there because they allowed him to be there, but in consequence of a resolution, passed after due notice, to the effect that Press reporters should be placed on the same footing as the Society's reporter."

We are aware, of course, that the Council has the power to make resolutions and to rescind them; that there is no obligation upon the statutory body of the profession to admit the Press to its meetings; and that the Press has not always been admitted. They were not admitted when, in 1877, Mr. Hampson, a member of the Council at the time, moved:—

"That it is desirable that the proceedings of the Council be reported by a reporter or reporters from the recognised journal or journals representing pharmacy and the trade, as well as by a reporter of the journal of the society."

The arguments he used in support of his resolution were that

"if a perfectly independent report were published, a healthier tone would be established; it would remove the possibility of a whisper that they reported themselves, it would promote an interest in the affairs of the society, and he thought it would tend to check mere desultory talk."

He had a strong supporter in Mr. Schacht, Bristol, whose arguments were reported as follows:—

"The reports as now issued in the 'Pharmaceutical Journal' he thinks so excellent that he regrets other reports are not like unto them. It was a fact, Mr. Schacht said, that there was another journal, which more or less professed to represent pharmacy, in which there were so-called reports of what took place at the Council board. From whom the Editor received the inspiration was a mystery to him, but it was an inspiration of a very curious sort indeed. He had often seen the most extraordinary exaggeration and misrepresentation of what was said, which he was quite sure the Editor would never have sanctioned with his

eyes opened . . . This had always presented itself to him as a strong reason why he should have an opportunity of sending his accredited reporter to the meeting, and then the Council would have a right to call him to account for what he did report."

Nevertheless the motion was defeated, and it was not until many months later, in December 1879, that the Council realised at last, very sensibly, that it stood to gain far more than it lost by admitting Pressmen in addition to the Society's own official note-taker.

Honouring the "Flag"

The wisdom of admitting the Press is as profound today as it was then, however strongly some Council members may feel that to have journalists present is also inconvenient. True, there are items that are rightly kept confidential. To meet this situation the mechanism of the "flag" was introduced, and THE CHEMIST AND DRUGGIST has been meticulous in observing its signals. If it were not so there would be no point whatever in criticising (as members are well aware we have often done) the high proportion of business that is conducted "in committee." Obviously there are differences of views on what should be kept private, and we are naturally inclined to favour more public business rather than less. Even so, it is in no desire to fill our columns that we enter into this discussion, for we can ill spare the space for lengthy reports. Our sole reason is we sincerely believe, as we did in 1882, that to stifle publicity

"is more likely to injure the Council than ourselves . . . We do not regard regular attendance at the Council meetings as a privilege, but as an unpleasant duty. Disguise it how they may, the real object of the Council is to retain control over the reports of their proceedings."

When Mr. Hampson moved his resolution in 1877 there was a system in operation under which London members of the Council were receiving proofs of the reports for amendment before issue to the Press. We do not suggest that any such procedure would be likely to take place today. But where "communicated" reports are issued—to adopt a descriptive phrase used recently by the Editor of the Society's official organ about the reports of another trade body—they have to be "vetted" by someone. Whether that

someone is an official or an elected member of the Council, he is equally placed a position in which he may arbitrarily modify, if he so desires, the possibly unpopular views of "awkward" council. Special considerations may govern the reporting of meetings of groups of pharmacists organised for the furtherance of sectional interests, but the Pharmaceutical Society is a statutory body, acting in the name of all registered pharmacists and supposedly in the interest of them all. It is right, therefore, that they should have access to independent reports not open to the suggestion that they are "controlled." For these reasons the motion should be allowed to lie on the table.

Protected Processes of Hair Waving

NUMEROUS inquiries received about the extent of patent rights in cold hair-waving processes prompt us to give an explanation of the current position. Most processes for waving hair or other keratin-containing fibres (such as wool) at approximate room temperatures involve the stages of:— (a) Breaking down with a reducing agent some of the cystine bonds (-S-S-) that bind the polypeptide molecules together in the form of a fibre, while at the same time shaping the fibre in the desired form ("relaxing"); and (b) re-forming the cystine linkages in new positions by means of an oxidising agent, so giving permanence to the new shape of the fibre.

Processes of hair-waving based on these principles are the subject of a patent (Specification No. 453,700) granted to Professor J. B. Speakman, Leeds University, and owned by Macdonald Steam Waving Ltd., London. The specifications are comprehensive and should be studied by persons commercially interested in cold wave processes. Rights in North and South America have been granted to Helene Curtis, New York, and in Western Europe to L'Oreal, Paris. In Britain the process may be used only under licence from Messrs Macdonald, who point out that, for safety and efficiency, it should be operated only by expert operators. The specifications do not cover the manufacture of solutions used in the process.

ESSENTIAL OIL IMPORTERS

THE annual meeting of the Essential Oil Importers' Section of the London Chamber of Commerce was held in London on July 3, Mr. K. C. Allen (chairman) presiding. Mr. L. C. Pickering (Ministry of Food) was present by invitation. Mr. K. C. Allen was re-elected *Chairman* and Mr. W. J. McArthur *Deputy Chairman*, and Messrs. W. A. Ennever, A. T. Wheeler and R. W. Stevenson, the retiring members, were re-elected to the committee. Messrs. J. R. Evans and J. A. Pentecost were elected to fill the vacancies caused by the death of Mr. G. W. Mansfield and the resignation, through illness, of Mr. F. G. Pentecost.

THE CHAIRMAN, before making his report, referred with regret to the death of Mr. George Mansfield, who had been an active member of the executive committee; his passing had meant a great loss.

A start was made on the removal of oils from the scheme of distribution in 1946, and nearly fifty oils had now been decontrolled. The Section's representatives on the Essential Oils Advisory Committee, Messrs. Wheeler, Naumann, Evans and Ennever, had been actively engaged on problems arising from the control. At the previous annual meeting, reference had been made to a special subcommittee set up at the request of the Ministry of Food, to consider the possibility of revising arrangements for the re-export of controlled essential oils. The procedure agreed with the Ministry in 1944, under which limited surpluses might be re-exported at controlled prices and subject to quota, necessarily required some revision once the process of removing oils from the control scheme had been started. Proposals covering the unrestricted import and re-export of controlled essential oils were accordingly submitted by the Section to the Ministry and the final scheme was promulgated to the trade on March 27. The special subcommittee which drafted the scheme had consisted of Messrs. McArthur and Ennever and the late Mr. Mansfield. Owing to the change-over from a weight basis to an *ad valorem* basis, some freight rates had risen considerably. The matter had been taken up with the appropriate Conference Lines, who had, however, been unable to effect a reduction. The Committee nevertheless felt that the increases were greater than the circumstances justified, but had regretfully concluded that nothing further could be done apart from registering a protest. One

steamship company had then agreed to a reduction in the rate of freight on rosewood oil from Brazil. Representations had been made to the Wharfingers' Association about wharfage surcharges made to cover additional lighterage or cartage costs, etc. The problem confronting members was that the amounts involved were not notified until some considerable time after the goods had been landed. It was suggested that the problem might be overcome by having surcharges incorporated into the basic rate by means of a suitable standard increase. The wharfingers, however, maintained that it was undesirable to incorporate such varying charges in the prime rates but had undertaken to render all possible assistance to importers in estimating the extra charges incurred.

ESSENCE MANUFACTURERS

THE annual meetings of the British Essence Manufacturers' Association and the Essence Export Group were held in Liverpool on July 10, Dr. P. C. C. Isherwood, O.B.E., F.R.I.C. (chairman) presiding. Dr. Isherwood (W. J. Bush & Co., Ltd.) was unanimously re-elected *Chairman* and Mr. W. Watts (Stevenson & Howell, Ltd.), *Treasurer*. The executive committee was re-appointed.

The chairman's report stated that during the year the working of the Essential Oils Control Scheme had been kept under constant review; some fifty oils had already been decontrolled. As a result of representations to the Ministry of Food after complaints about the quality of some lemon oil imported in 1946, assurances had been received that so far as possible only selected grades would be allocated in 1947. A case for securing adequate supplies of solvents from hard currency countries had been made to the Alcohol Control, but the supply position had subsequently deteriorated and home producers had been forced to cut their allocations.

The Association had obtained the agreement of the Import Licensing Department to consider applications for the importation of glass bottles and containers. Representations for the granting of import licences for aluminium bottles had also proved successful. The Ministry of Food was considering the revocation of the standstill order for essence prices. The chairman's report concluded with an appreciation of the work of the Association's secretarial staff.

PHARMACEUTICAL SOCIETY OF IRELAND

THE July meeting of the Council of the Pharmaceutical Society of Ireland was held on July 8, Mr. J. K. Whelehan (president) in the chair. Also present were Messrs. P. A. Brady, J. Gleeson, J. P. Kissane, N. A. P. McKane, T. C. Scott, J. A. O'Rourke, C. J. Cremen, J. D. Blair, P. C. Cahill, G. C. O'Neill, F. X. Meagher, T. B. O'Sullivan and M. Power. An apology for absence was received from Mr. R. Daly.

A letter from the Ministry of Justice stated that the Minister had approved the appointment of Mr. J. K. Carville as examiner in pharmacy to the Licence examination, and of Mr. A. F. Collins as examiner in botany and materia medica. A letter was received from Mr. J. G. Coleman acknowledging his appointment as registrar to the Society from September 1.

THE PRESIDENT reported that, with the other officers of the Society, he had met members of the Benevolent Fund Dance Committee and a misunderstanding which had arisen about appeals for the Fund had been amicably adjusted. The Council then went into committee to determine the pension which should be paid to Mr. J. J. Kerr (registrar) on his retirement in August, and to fix a salary and terms of appointment for the incoming registrar, Mr. J. G. Coleman.

By resolution, Dr. Vincent Barry was given special leave to be absent from the board of examiners during the July examinations so that he could attend a conference in London.

Changes of Address

The following changes of address were notified: Mr. J. P. Daly, to Dunlavin, co. Wicklow; Mr. J. D. Cullen, M.P.S.I., to Baltinglass, co. Wicklow; Mr. M. Hayes, M.P.S.I., to Tulla, co. Clare; Miss T. F. Ellis, M.P.S.I., to 1 Shaun Terrace, Ballybough; Mr. G. Morewood, L.P.S.I., to 14 The Loning, Hendon, London, N.W.9; Mr. S. F. Watson, L.P.S.I., to 2 Crofton Terrace, Dun Laoghaire; Mr. W. Smith (assistant), to Cookstown, Kells, co. Meath; Mr. J. Greaney, R.D., to 84 Queen Street, Dublin.

An application from Mrs. Catherine Melvin, L.P.S.I. (née McLoughlin), to have her change of name on marriage recorded in the register was granted. MR. J. J. KERR (registrar) reported that preliminary registration had been made for the following: Mary Byrne, Michael Bertrant Dore, Helena Eastwick, Patrick Joseph Gildea,

John Joseph Mitchell, Francis Joseph McAvinchev, John Kieran McGarry, Eileen Philomena Shanahan, Bridget Mary Tynan, and Thomas Robert Kehoe.

From the House Committee's report which was adopted, it was agreed to make a grant of £52 10s. free of tax to Miss Un Hyland (assistant to the registrar) on the occasion of her forthcoming marriage. It was further agreed that Messrs. F. X. Meagher, P. A. Brady and C. J. Cremen should comprise a committee to consider tenders for the installation of oil-burning plant. The date of the next pre-registration examination, to be held in Dublin and Cork, was fixed for November 4.

Referring to the pre-registration examination held recently in Cork, THE REGISTRAR expressed his appreciation of the help and courtesy which had been extended to him by Dr. Ahearn in Cork. He had been impressed by the arrangements made and by the fine school of chemistry in Cork. It was a pity, said Mr. Kerr, that some of the Society's students did not take their chemistry at the school in Cork.

New Health Bill

The Council next considered a recommendation of the House Committee that a deputation should be sent on July 16 to meet Dr. Deeny (chief medical officer of health) to discuss the new Health Bill. MR. MCKANE said he did not think any useful purpose would be served by a deputation as the Health Bill was virtually passed. The Society could only hope to soften the blow and prevent abuse of the Act. It was almost useless trying to take up particular points, as in his view every part of the Bill dealing with pharmacy was dreadful. I was full of "mays" and "mights" concerning what the Minister could do, and placed the whole future of pharmacy in the hands of the Department of Health. Under the Bill, as it stood, the word "advertisement" embraced every form of recommendation, so that a chemist who recommended a bottle to cure a toothache might be held to be advertising and find himself liable to a heavy fine. Every label on a bottle must state the formula, but a formula in Latin would be Greek to the ordinary public. The Minister had not taken into account the public's lack of knowledge of therapeutics. The Bill was an evil one for pharmacy and he disagreed with so much in it that he would find it difficult to make any

suggestions for a memorandum. The Society had been far too patient and had taken too much lying down.

THE PRESIDENT said he personally felt pleased with the attitude of Dr. Ryan (Minister of Health). He believed the severity of the Act would be considerably mitigated. MR. O'ROURKE observed that if a Minister of Health abused his powers under the Act, Article 45 of the Constitution, which laid down that the citizen should be allowed to derive a living from his occupation, could be invoked. It was not part of their living for the grocers or romongers to sell medicinal lines. THE PRESIDENT stated that the case made by Deputy Frank Loughman in the Dail against Mr. James Dillon showed how necessary it was to have one of their own profession in the Dail. MR. GLEESON said those going on the deputation should have a copy of the Dail Official Report giving the debate of June 27 on the Bill. It was agreed that the honorary officers with Deputy Loughman, Mr. M. Costello and Mr. McKane should form the deputation to see Dr. Deeny.

In considering the Schools Committee's report, the Council adopted a recommendation that a course of three forensic pharmacy lectures should be given. A fee would be payable, and attendance would be voluntary.

The report of the Certificates and Declarations Committee showed that fifty-nine candidates had entered for the July Licence examination. It was agreed that examination fees would have to be increased by 25 per cent. in some cases, and more in others, and MR. MEAGHER stated that he would give notice of motion on this matter for the September Council meeting. Of the fifty-six candidates who had sat for the recent Pre-registration examination, twenty-seven passed in chemistry and physics, and the remainder only in one or other of the subjects.

MR. GLEESON moved a notice of motion that the annual subscription of elected members of the Society and associate druggists should be £2 2s. instead of £1 11s. 6d., payable from October 1 in each year. The increase was necessary, he said, to meet increasing expenses. They had to provide a pension for the outgoing registrar, the fees paid to examiners had been increased, and the official journal would cost more. He proposed that there should be no additional life members but that the rights of existing life members

should be preserved. The motion, which was supported by the PRESIDENT and other members, was carried unanimously.

For the post of lecturer in botany, Miss C. Roe, M.Sc., who had been a demonstrator in the Society's schools, was unanimously appointed. Mr. C. S. O'Connor was also unanimously appointed as lecturer in materia medica.

THE PRESIDENT, on behalf of the members of the Council, made a presentation to Miss Hyland of a Shelley tea service, and on behalf of the Society a cheque for £52 10s.; on the occasion of her forthcoming marriage. MISS HYLAND said that she would take with her many happy memories of everyone in Lower Mount Street.

The Licence certificates of the following were signed and sealed: Messrs. Daniel J. Browne, Patrick Doherty, John M. Durkin and M. J. O'Brien. Miss B. Yates and Mr. P. J. McLoughlin were elected members of the Society. The following were nominated for membership: Messrs. G. W. Ellis, Monkstown, co. Dublin; T. McGoldrick, 105 Lower Baggot Street, Dublin; R. J. Power, 23A Corrig Avenue, Dun Laoghaire; and S. F. Watson, 2 Crofton Terrace, Dun Laoghaire.

At a meeting of the Benevolent Fund Committee held later a number of grants were passed for payment.

RECENT RESEARCH

Vitamin A Estimation.—The use of an activated glycerin dichlorohydrin in place of the Carr-Price antimony trichloride reagent is recommended by Sobel and Werbin ("Analytical Chemistry," February, p. 107) for the estimation of vitamin A in fish-liver oils. Advantages of the method are that the violet colour produced is stable for from two to ten minutes after the addition of the reagent; the reagent is not affected by traces of moisture and is practically non-corrosive; no film of antimony trichloride is left on the apparatus; and the method may be used with a photo-electric spectrophotometer. The activated glycerin dichlorohydrin is made by adding antimony chloride, dissolved in chloroform, to dichlorohydrin; the mixture is then vacuum-distilled after the chloroform fraction has been rejected. The product should give a specified absorption. The antimony trichloride method of estimation gave results which, on the whole oils, were 1.63 per cent. below those obtained by the glycerin dichlorohydrin method, and on the unsaponifiable fractions 4.11 per cent. lower.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

"Leechcraft"

SIR,—As buyer for forty-four years to a London firm which imported leeches for a hundred years, until 1940, I was greatly interested in the article on p. 751 in your issue of June 28, "From Leeches to Penicillin." I shall always be glad that one of my last acts before retiring in July 1947, was to check the arrival of the first lot of leeches that reached England since 1940. For a year or more we had been trying to induce the Board of Trade to grant import licences—their argument was that, as it had been possible to do without them for six years, they were non-essential. A few days before they arrived in London I had a telephone message from the Middlesex Hospital saying they had a patient there who was dying for the lack of a leech. Within an hour or two of receiving them, I personally delivered a supply at the hospital. The next day, Saturday, I spent the morning taking several dozen leeches to three other hospitals in West London.

Yours faithfully,
S. E. A.

Reports of Council Meetings

SIR,—The move to conduct all the Council activities in private, and thereby stifle free reporting of both committee minutes and Council meetings is an anti-democratic and retrogressive step. The effect of this will be further to divorce the electors from any effective contact with the Council. It will also make it increasingly difficult for members to follow the activities of individuals, and to see that they carry out the programme on which they were elected. Before resigning from the Council to take up military service, I myself frequently protested when "the flag went up" (indicating private business) to consider problems, the pros and cons of which should be made freely available to members of the Society. Controversial matters were debated for hours at the private meetings on the Tuesday evenings, but reports of these rarely received any publicity. Everything was "cut and dried" for the Wednesday morning public meeting, when reports were received and resolutions passed as if it were a well rehearsed ceremony. Because of these inadequate facilities for free report-

ing, even under present conditions, it is impossible for pharmacists to take an intelligent interest in the activities of those they have elected to represent them. Not least, but more publicity is required, so that members can appreciate the clash of personalities and policies that are inevitable when a body of people meet in Council. Let the reports include details of voting, as well as interruptions, interjections, points of order and questions. In this way they will give an air of reality, and will make interesting reading. A perusal of the Parliamentary reports in "The Times" will show that this can be done without any loss of dignity. Only by taking the electorate fully into its confidence, and presenting activities in a free and democratic manner will the Council succeed in overcoming the apathy and lack of interest which are manifest in pharmacy today.

Yours faithfully,
Basingstoke. B. A. WILLIAMS.

Supplies During Dublin Strike

SIR,—I observe that, in a report of the settlement of the recent dispute in the wholesale drug trade in Dublin (*C. & I.* June 28, p. 735) it was stated that during the strike supplies of drugs and medicines were delivered to hospitals and similar institutions on a permit basis. This statement is not accurate and I should be obliged if you would allow me to clarify the position. Shortly after the commencement of the dispute it was announced by the Union that permits would be issued for the purchase of essential supplies, the circumstances in each case, apparently, to be considered and adjudicated upon by the strike committee. In fact, this arrangement was wholly unilateral, and was not at any time recognised by the members of this Association. The firms concerned in the dispute intimated that they would not recognise these permits, and, to discourage the development of such an objectionable feature, informed the customers that no supplies could be made available against such permits. During the whole of the dispute an emergency service was maintained to secure the distribution of all essential drugs and medicines.

Yours faithfully,
ROBERT J. KIDNEY, *Secretary*,
Dublin. Irish Drug Association

GUIDE TO NEW MEDICAMENTS

Information—in a form convenient for mounting on record cards for permanent card-index systems—about new proprietary medicaments supplied principally on a prescription. Their mention in these columns does not imply Editorial recommendation. A limited number of reprints will be made available to subscribers on application.

PYELOSIL 70

MANUFACTURER: Glaxo Laboratories, Ltd., Greenford, Middlesex.

DESCRIPTION: A 70 per cent. solution of diodone prepared for special pyelographic work.

HOW SUPPLIED: Ampoules of 20 mls.

RABELLON

MANUFACTURER: Sharp & Dohme, Ltd., Mulford Biological Laboratories, Hoddesdon, Herts.

DESCRIPTION AND FORMULA: Compressed tablets containing:

Hysocyanine hydrobromide	0.4507 mgm.
Atropine sulphate	0.0372 mgm.
Scopolamine hydrobromide	0.0119 mgm.

INDICATIONS: Post-encephalitic parkinsonism and paralysis agitans.

DOSEAGE: One quarter-tablet three times daily increased by one quarter-tablet each day until optimum is ascertained. The dose must be maintained indefinitely.

HOW SUPPLIED: Bottles of 100 and 1,000 tablets.

NOTES: Tablets are quarter-sectioned to permit the administration of small doses for initial treatment.

DEXEDRINE TABLETS

MANUFACTURER: Menley & James, Ltd., 123 Coldharbour Lane, London, S.E.5 (for Smith Kline & French Laboratories, Philadelphia, U.S.A.).

DESCRIPTION AND FORMULA: Tablets containing 5 mgm. dextro-amphetamine sulphate.

INDICATIONS: Depressive states, obesity, alcoholism, etc.

DOSEAGE: As directed by the physician.

HOW SUPPLIED: Boxes of twenty-four tablets.

NOTES: Each box contains three packets made of transparent tissue containing eight tablets. Attached to each packet is a label specially designed for convenience in dispensing. The tablets come under Schedules 1 and 7 of the Pharmacy and Poisons Act, 1933.

SULPHATRIAD

MANUFACTURER: May & Baker, Ltd., Dagenham, Essex.

DESCRIPTION AND FORMULA: Compressed tablets containing:—

Sulphathiazole	0.185 gm.
Sulphadiazine	0.185 gm.
Sulphamerazine	0.130 gm.

INDICATIONS: Acute infections due to pneumococci, meningococci, β -hæmolytic and other streptococci, *Bacillus coli*, *Hamophilus Ducreyi*; and gas gangrene. As an adjuvant to penicillin therapy in grave *Streptococcus aureus* infections, and in localised staphylococcal infections (such as boils, carbuncles and whitlows).

DOSEAGE: Orally, according to the physician's instructions.

HOW SUPPLIED: Containers of 25, 100 and 500 tablets.

NOTES: Since the solubility in urine of each of the constituents of Sulphatriad is not affected by the presence of the other two, the risk of renal complications such as crystalluria and urolithiasis during sulphonamide treatment is reduced by the use of this combination.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex Street, W.C.2, July 16

THE London market for PHARMACEUTICAL and FINE CHEMICALS has been fairly active during the past week. Makers' shortages of ACETIC ACID are responsible for difficulties in the supplies of ACETANILIDE and ASPIRIN; supplies of the latter are now subject to allocation. A further small decrease is shown in the quotations for ANETHOLE. A fair business is being transacted in CREAM OF TARTAR at the lower prices announced recently. EUCALYPTOL is in fair supply and is selling at previously quoted prices. Makers report that GUAIACOLS are rather short. Prices of SYNTHETIC CAMPHOR are higher; for 1-cwt. lots, powder (B.P.) is now quoted at 11s. per lb.

Crude Drugs

The lull in market activity persists for a wide range of CRUDE DRUGS. Home buyers are confining their purchases to routine requirements and although many inquiries have been received from overseas traders, far too often they are unable to obtain the necessary licences to import the goods. Prices are inclined to weaken for a number of items which are in good supply, but the market generally is fairly steady. Demand for Japanese AGAR has been very good and stocks have appreciably declined. There have been offers of Japanese agar strip through China but it is understood that, as the purchase would involve dollars, the Board of Trade is not likely to sanction import licences for this material. ALOES, Cape, for shipment, is easier, and spot parcels have found buyers at prices from 175s. to 180s. per cwt. CASCARA SAGRADA is firmer and shows a tendency to strengthen; it is stated that peelers of the bark are slow in making deliveries. CINNAMON is an easier market. Prices of new-crop ERGOT are not expected to be lower as supplies at source are not very large. Jamaica GINGER is selling at lower prices. Forward offers of IPECACUANHA are easier but spot root is inclined to be higher in price than in recent weeks. Anatolian LIQUORICE ROOT has been marked down in price. There have been a number of inquiries for MYRRH from foreign traders but no business has been done. Supplies of RHUBARB, rough round, are plentiful but the quality of some samples is poor and often very wormy. New-crop SENECA is offered in Canada at 9s. per lb., c.i.f. SHELLAC is firmer after a period of weakness; F.O.T.N. pure, on the spot, is quoted at 275s. per cwt.

Essential and Expressed Oils

An easy market is in evidence for ESSENTIAL OILS and lower spot quotations are noted for LIME, Seychelles PATCHOULI and

ROSEMARY, while reports show that CINNAMON LEAF and PALMAROSA are weaker a source. Business has been on a small scale but is showing signs of improvement.

The only change in EXPRESSED OILS is an increase in the price of OLIVE. It has been suggested in some quarters that supplies should be available otherwise than on prescription, but at the present time of shortage such a relaxation would inevitably jeopardise the priority claims of prescription holders.

U.S. Drug and Chemical Report New York, July 1

PRICE movements and demand for FINE CHEMICALS and DRUGS continued on a reduced scale last week, although the shipment of materials was still on a satisfactory basis, the curtailments being generally of seasonal nature. Among the solvents, ACETONE has become much firmer on the resale market and dealers have been asking 12½ cents per lb. compared with 11½ cent a few days earlier. Output of this material declined to about 28,500,000 lb. in April from the March figure of slightly more than 30,250,000 lb. GLYCERIN may turn decidedly firmer in the autumn if the anticipated decline in production of soap takes place. SILVER NITRATE was advanced two cent an ounce to about 42¼ cents following high bullion prices.

The present quotations for MENTHOL around 8.45 cents, are expected to advance considerably when the major consuming season for this material arrives. Another menthol which may come out of Japan when private trading is resumed in August will not reach the U.S. before November and little material is thought to be available in China for delivery at an early date. Brazilian advices indicate very firm prices in that source of supply of menthol.

Although inactivity has continued on the CRUDE DRUGS market and some domestic materials show signs of easing under the influence of new crop prospects, many consumers are expected to be forced to re-enter the market in the near future because of depleted inventories. OREGON BALSAM is available at \$2.45 per gall., 10 cents less than the previous figure, and the price of IPECACUANHA ROOT at around \$5.25 per lb. compares with \$5.35 to \$5.50 last week.

Quotations for many ESSENTIAL OILS are still dropping although Indian LEMONGRASS is not expected to decline further because of reduced stocks at the primary centre; domestic MINT oils continue firm on reports of unsatisfactory crops in several states. Following the trend of most imported materials, receipts of essential oils during February dropped 264,363 lb. or 36 per cent. below the previous month's figure.

Pharmaceutical Chemicals

ALLOBARBITONE.—Current price for 10-kilo lots is 90s. per kilo; smaller quantities are quoted at 99s. per kilo.

AMPHETAMINE.—Prices for the BASE and SULPHATE are from 150s. to 160s. per lb., as to quantity.

ANETHOLE.—Quotations for material prepared from star anise oil continue easier at 16s. 9d. to 17s. per lb.

ASCORBIC ACID.—Current quotations are at from £23 10s. per kilo, upwards.

BARBITONE.—Quotations are from 42s. 6d. to 45s. 6d. per lb., according to quantity. SOLUBLE is available at the same prices.

BENZOIC ACID.—Makers' quotations are at from 2s. 7d. to 3s. per lb., according to grade and quantity.

CALCIUM GLUCONATE.—In short supply. Quotations are at from 3s. 3d. per lb.

CARBROMAL.—Importers' quotations are at from 32s. 6d. to 35s. per lb., as to quantity.

CHLORAL HYDRATE.—Current rates are as follows: 28 lb., 4s. 8d. per lb.; 14 lb., 5s.; 7 lb., 5s. 3d.; less than 7 lb., 5s. 9d. per lb.

GUAIACOLS.—Supplies are rather short. Liquid is quoted at 14s. 6d. to 16s. per lb.; crystal and carbonate, 14s. to 15s. per lb., according to quantity.

HEXAMINE.—B.P. is quoted at from 1s. 5d. to 1s. 9d. per lb., as to quantity.

HEXYL RESORCINOL.—Quotations are at from 18s. to 20s. per oz. and upwards.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gm. in brackets): ALKALOID.—1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (4s.) HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

HYDROQUINONE.—Current prices per lb. are 9s. (net 2½ per cent.) for 28-lb. lots and 8s. 9d. (net) for 1-cwt. lots; other quantities in proportion. Packages free. Contracts: Minimum 5 cwt. over twelve months.

HYOSCINE HYDROBROMIDE.—Makers' quotations are from 147s. 6d. to 150s. per oz., according to quantity.

ICHTHAMMOL.—B.P. material is quoted in bulk at 4s. 3d. per lb.; 28-lb. tins are priced at 4s. 9d., 14-lb. at 5s. and 1-lb. at 5s. 10d. per lb.

ISOPROPYL ALCOHOL.—B.P.C. quality is quoted at 13s. 9d. per gall.

LACTATES.—Makers' quotations per lb. are as follows: CALCIUM, 2s. 3d. to 2s. 9d.; CALCIUM SODIUM, 3s. 3d. to 3s. 9d.; LACTIC ACID, 3s. to 3s. 3d.

LACTOSE.—Quotations are from £120 per ton upwards, according to quantity.

LECITHIN.—Ex ovo, 85 per cent., is quoted at prices from 90s. per lb., upwards.

MORPHINE.—Prices per oz. current in the home market are: ALKALOID, ¼ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE, ¼ oz.,

46s. 9d.; 1 oz., 44s. 3d.; 2 oz., 42s. 9d.; 3 oz., 42s.; 4 oz., 41s. 9d.; BIMFECONATE and TARTRATE, as ALKALOID; ACETATE, HYDROBROMIDE and SULPHATE, as HYDROCHLORIDE.

PHENOLPHTHALEIN.—Current rates per lb. are: 1 cwt., 5s. 4d.; 28 lb., 5s. 6d.; 14 lb., 5s. 9d.; 7 lb., 6s.

PILOCARPINE.—Makers' rates per oz. are as follows: ALKALOID.—1 oz., 37s.; 4 oz., 36s. 6d.; 25 oz., 36s. HYDROCHLORIDE.—1 oz., 32s. 6d.; 4 oz., 32s.; 25 oz., 31s. 6d. NITRATE.—1 oz., 30s. 3d.; 4 oz., 29s. 9d.; 25 oz., 29s. 3d.

PIPERAZINE.—Current prices are from 4s. 6d. per oz., according to quantity.

SALICYLIC ACID.—Makers' prices per lb. for quantities of 28 lb. up to 1 cwt. (containers in brackets) are as follows: 2s. 8½d. (1-lb.); 2s. 7½d. (2-lb.); 2s. 7d. (4-lb.); 2s. 6d. (7-lb.); 2s. 5½d. (14-lb.); 2s. 4½d.; (28-lb.). Net one month.

THEOBROMINE.—In short supply. Makers' prices per lb. are as follows: ALKALOID, from 39s. 6d. to 43s. 6d., according to quantity; CALCIUM SALICYLATE and SODIUM SALICYLATE, from 22s. 3d. to 26s. 3d.; SODIUM BENZOATE, from 24s. 9d. to 27s. 9d.

Crude Drugs

ALOES.—Curaçao, on the spot, is quoted at prices from 240s. per cwt.; forward quotations, from 215s. to 220s., c.i.f. Socotrine, spot, steady at 150s. to 190s. per cwt., as to quality. Cape, in boxes, for shipment, is easier at 160s. to 165s., c.i.f.; spot buyers at 175s. to 180s.

ANISE (STAR).—Spot supplies steady at 140s. per cwt., duty paid; forward, 95s., c.i.f.

ARECA NUTS.—Quiet. Ceylon, steady at 65s. to 67s. 6d. per cwt., according to holder.

ASA-FETIDA.—Good block, spot, quoted at £25 to £28 per cwt., according to quality and seller.

BALSAMS.—Canada, spot, rather scarce, at 15s. per lb.; Parà *Copaiba*, spot, quoted at from 8s. 3d. to 8s. 6d. per lb., according to seller, for soluble, and 7s. 3d. for insoluble. Peru remains easy at 7s. 3d. per lb., duty paid. Tolu, unchanged at 18s. per lb., spot.

BAY LEAVES.—Leaves without stems are offered on the spot at 95s. per cwt.

BENZOIN.—Sumatra, in fair supply, is available on the spot at from £17 10s. to £22 per cwt., according to quality.

BUCHU.—New-crop short rounds, steady and unchanged at 4s. 3d. per lb., spot; shipment, 4s., c.i.f.

CALABAR BEANS.—Quoted in Liverpool at 10½d. per lb.

CAMPHOR.—A firm market. Chinese tablets (¼-oz.), quoted at 11s. 3d. to 11s. 6d. per lb., spot; refined powder (B.P.), 11s.; Formosa (B.B.), 10s. 3d.; 2½-lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid. Chinese crude, 93-95 per cent., 7s. per lb.

CANTHARIDES.—Chinese is in very short supply at 15s. per lb., spot.

CASCARA SAGRADA.—Quotations for 1946 peel are easier at around 260s., duty paid; American new-crop, for shipment, rather firmer, 210s., landed and duty paid.

CASCARILLA.—Fair stocks are available at 1s. 10d. per lb. for quills and 1s. 6d. for siftings, with little interest shown.

CASSIA PODS (*C. fistula*).—East Indian, quoted at 75s. to 80s. per cwt., ex wharf.

CHILLIES.—Mombasa, quoted at 165s. per cwt., spot; Nigerian, 135s. to 140s.; Japanese-type, 190s. to 200s.

CINNAMON.—The market continues easy and prices are again lower. Quillings are now quoted at 2s. 2d. to 2s. 4d. per lb., spot; featherings, 1s. 7d. to 1s. 10d.; chips, 1s. 1d. to 1s. 3d., according to quality.

CLOVES.—Zanzibar, quoted at 9½d. to 10d. per lb., spot. Penang, offered at 3s. to 3s. 6d. per lb.

COLOCYNTH.—Fine-white is offered at 2s., and medium-white at 1s. 10½d. per lb., spot. The product is in small demand.

DIGITALIS.—Portuguese is steady at 130s. per cwt., spot; English-grown, 2s. 6d. per lb.

ERGOT.—Spot quotations are at 5s. per lb.; forward, 4s. 6d., c.i.f. Supplies of new-crop material are not expected to be plentiful and prices will probably not be much different from current values.

EUPHORBUM.—Firm; spot quotations are in the region of 85s. to 90s. per cwt.

GAMBOGE.—Siam pipe, scarce on the spot, is quoted at £65 per cwt.; shipment, £40, c.i.f.

GENTIAN.—A quiet market. French natural root is steady at 100s. per cwt.; cut, 130s. spot.

GINGER.—Jamaican is again an easier market with prices for No. 1 from 112s. 6d. to 117s. 6d. per lb., spot, according to seller; No. 2 is quoted at 100s. to 105s.; No. 3, 90s. to 95s. Sierra Leone, on the spot, is at 65s. to 67s. 6d. per lb.

GUAIACUM RESIN.—Lump material, in London, quoted at 2s. 9d. per lb., landed.

GUM ACACIA.—Quotations for Kordofan cleaned sorts are at 72s. 6d. per cwt., ex store; shipment 65s., c.i.f. Bleached No. 1 is quoted at 145s., ex store, and Talha at 40s. per cwt., spot; forward, 37s. 6d., c.i.f.

GUM MASTIC.—No. 1 is offered at 15s. per lb., duty paid.

HENBANE.—Fair-testing grade is available in London at 4s. 6d. per lb.

HYDRASTIS.—Firm. Spot quotations are at around 60s. per lb.

IPECACUANHA.—The market has again been inactive. Nicaraguan root is quoted at 26s. to 27s. per lb., according to holder; shipment is again easier at 20s. per lb., c.i.f. Colombian root is quoted at about one shilling less than these prices.

IRISH MOSS.—French material, fines quality bleached, quoted at 120s. per cwt. spot; No. 1, 105s.; No. 2, 95s. per cwt.

JALAP.—Vera Cruz, offered at price from 2s. 3d. to 4s. per lb., according to test.

JUNIPER.—Italian berries, quoted at from 56s. to 65s. per cwt., according to quality.

KARAYA.—No. 1 gum is quoted at 215 to 220s. per cwt., spot; No. 2, 170s.

KOLA NUTS.—Steady. African quarters are quoted at 7½d. per lb.; African halves 5d. to 6d., according to quality; Jamaica washed halves, 5½d. per lb.

LIQUORICE ROOT.—Anatolian whole root is easier at 55s. per cwt., spot. Turkish juice (block) is quoted at 250s. per cwt. duty paid; shipment, 225s., c.i.f. Italian block for shipment, 250s., c.i.f.

LOBELIA.—A good inquiry continues and prices are maintained at 6s. per lb., spot.

MACE.—West Indian pale, on the spot is quoted at 7s. to 7s. 6d. per lb.

MENTHOL.—Brazil, prices to consumer is unchanged at around 44s. to 45s. per lb. duty paid; forward, 38s. to 39s., c.i. Chinese, in original cases, 50s. per lb., dut. paid.

MERCURY.—Spot quotations are at £17 3s. 6d. per flask, ex warehouse; for shipment, £16 12s. 6d., c.i.f.

MYRRH.—Aden sorts is quoted at £14 to £15 10s. per cwt., according to quality siftings, £8 to £10 per cwt.

NUTMEGS.—Quotations for West India 80's are steady at 2s. 9d. spot. Unassorted 2s. 3d.

NUX VOMICA.—Madras, steady at 40s. to 42s. 6d. per cwt. Mangalore, 40s.; Cochinchina, scarce, 42s. 6d. to 45s., spot, as to seller.

OLIBANUM.—Fair to good drop is quoted from 200s. to 240s. per cwt.; pea size, 220s. good garblings, 180s.; seeds, 175s.; siftings 110s.

ORANGE PEEL.—Spot quotations for Spanish quarters are at 1s. 6d. per lb. sweet ribbon is quoted at 1s. 9d. per lb. Bitter ribbon is quoted at 1s. 3d. per lb. spot, Liverpool.

ORRIS.—Steady. Florentine is quoted at 150s. to 160s. per cwt., spot.

PAPAIN.—Heavy deliveries continue throughout May in the East African markets, states a Barclays Bank report. Price at origin remain high, but a rising tendency appears to have been checked, with U.S. buyers disinclined to accede to demand for increases.

PEPPER.—Indian black, whole, 2s. to 2s. 2d. per lb., spot; ground, 2s. 2d. to 2s. 4d. White, whole, unquoted; ground, 3s. 10d. to 4s., spot.

PIMENTO.—Spot quotations are fractionally higher at 1s. 1½d. per lb.

PSYLLIUM SEED.—A parcel of black seed is being offered at 2s. 9d. per lb., spot.

SEEDS.—The market remains quiet although a little more inquiry has been received in some quarters during the week. Morocco coriander on spot is firmer, several of the cheaper parcels having been withdrawn from the market. ANISE.—Cyprus, 2s. 3d. per lb., spot London or Liverpool. CARAWAY.—Dutch offered at 1s. 1d. per lb., duty paid, spot London. CELERY.—Indian, 1s. 5d. per lb., spot London or Liverpool. CORIANDER.—Spot, Morocco offered at 45s. per cwt. duty paid. New crop, for July-August shipment, 45s. per cwt., c.i.f.; Argentine, ex wharf Liverpool, 45s. per cwt., duty paid; English, nominal, 65s. to 70s. CUMIN.—Spot, Indian, 230s. per cwt., ex wharf Liverpool or Hull; Cyprus, 235s. per cwt., ex wharf London. DILL.—Indian, 42s. 6d. per cwt., spot London; 40s. quoted ex wharf Liverpool. FENNEL.—Indian, quoted at 97s. 6d. per cwt. in Liverpool, and 100s. per cwt., spot London. FENUGREEK.—Indian, 42s. 6d. per cwt., quoted spot Liverpool; spot London quoted at 45s. per cwt.

SENEGA. — Spot quotations for old-crop material are unchanged at 11s. 6d. per lb. New-crop is offered at source at 9s., c.i.f.

SQUILL.—Quiet. Italian is quoted at 70s. per cwt., spot.

STRAMONIUM.—Indian leaf is quoted at 75s. per cwt., on the spot; Hungarian leaf, 115s., spot.

STROPHANTHUS.—Quiet. Kombé seed, 100 per cent., quoted at 10s. per lb.

STYRAX.—Small quantities are available at 5s. per lb., duty paid.

TAMARINDS.—Barbadoes is quoted at 50s. per cwt., in bond.

TONKA BEANS.—Frosted Pará is offered at 4s. 9d. per lb., spot.

TRAGACANTH.—Selected ribbon is quoted at £155 per cwt.; other grades of white ribbon are available at from £120 to £125 per cwt. Prices of lower grades are as follows: Pale leaf, £60 to £80; amber leaf, £35 to £55; red leaf, £17 to £25; hoggy, £12 to £15.

TURMERIC.—Madras finger is quoted at from 105s. to 110s. per cwt., spot.

WAXES.—Quotations for BEES' are still weaker with Dar-es-Salaam on the spot at 345s. per cwt. and shipment at 337s. 6d., c.i.f. Lindi has been marked down to 340s., spot; for shipment, 332s. 6d., c.i.f. Benguela, in bond, is quoted at 320s.; for shipment, 305s., c.i.f. CANDELILLA.—Spot, steady at 420s.; forward, 400s., c.i.f. CARNAUBA.—Fatty grey, on the spot, quoted at 650s.; afloat, 600s., c.i.f.; for shipment, 530s., c.i.f. Prime yellow is easier at 830s., spot; afloat, 725s.; for shipment, 670s. MONTAN.—Steady. Reibeck is quoted at 390s. per cwt., spot; Czechoslovak crude, 330s., spot. OURICURI.—5 per cent., for shipment, 340s. per cwt., c.i.f.; 7-9 per cent., 370s., spot; 2 per cent., forward, 360s., c.i.f.

Essential and Expressed Oils

CADE.—Spot quotations are at from 4s. to 5s. 6d. per lb., according to quantity.

CASSIA.—Spot quotations continue at from 17s. to 18s. 6d. per lb., as to quantity.

CASTOR.—Controlled prices are unchanged. Firsts, £180 per ton; seconds, £176, naked ex works.

CINNAMON LEAF.—Quotations are at from 11s. 6d. to 13s. 6d. per lb., according to quantity. The market is weak at source.

CITRONELLA.—Ceylon, on the spot, is available at prices from 7s. to 9s. per lb., as to quantity.

CLOVE.—English-distilled from buds is quoted at 11s. 6d. to 12s. per lb., according to quantity.

CORIANDER.—Very scarce. English-distilled oil is available at 250s. per lb.

FENNEL.—Sweet oil is quoted at 17s. 6d. to 20s. per lb., on the spot.

GERANIUM.—Bourbon is quoted at 70s. to 77s. 6d. per lb., according to quantity.

GINGER.—Quotations range from 75s. to 125s. per lb., according to quality and seller.

GUAIACWOOD.—Quoted at 16s. to 19s. per lb., spot, according to quantity and seller.

JUNIPER BERRY.—English-distilled, from European berries, is quoted at 125s. to 135s. per lb. Imported oil can be obtained at prices from 32s. 6d. to 37s. 6d. per lb.

LAVANDIN.—Spot quotations are from 11s. 6d. to 15s. 6d. per lb., according to seller.

LAVENDER.—French (38 to 40 per cent. esters) is easy at 45s. to 47s. 6d. per lb. Spanish (spike) is quoted at 11s. 6d. to 12s. 6d. per lb., spot.

LEMONGRASS.—Spot quotations are from 8s. to 9s. per lb. and not as given in last week's report.

LIME.—West-Indian distilled oil is quoted at 33s. to 34s. per lb., spot.

LINSEED.—Controlled price of crude is £200 per ton, naked ex works.

NUTMEG.—English-distilled oil is steady at 45s. to 55s. per lb., spot; West-Indian distilled, to come forward, 42s. 6d. to 45s. per lb.

OLIVE.—The price of edible, 1 per cent., to wholesalers has been increased (with effect from July 9) to 51s. per gall. of 9 lb., in drums, ex store. Wholesalers' prices to retailers are as follows: In gall. loan cans, 58s. 9d. per gall.; in $\frac{1}{2}$ gall., 59s. 6d.; in quart loan containers, 60s. 4d. and in pint containers, 61s. 4d., all delivered.

PALMAROSA.—Spot quotations are at from 32s. 6d. to 37s. 6d. per lb., according to seller and quantity.

PATCHOULI.—Seychelles, spot, quoted at 75s. to 90s.; to come forward, 70s. per lb.

ROSEMARY.—Spanish is quoted at 8s. 6d. to 11s. per lb., according to seller and quantity.

TRADE MARKS

(From "The Trade Marks Journal," June 25)

- "MALDO"; for chemical substances for use as emulsifying agents in the course of manufacture (1). By Advita, Ltd., 2 Kingscote Street, Tudor Street, London, E.C.4. 645,460.
- "BABYTOWN"; for toilet preparations (not medicated) and soaps for babies (3); for cotton wool for pharmaceutical purposes (5). By Alexander Carus & Sons, Ltd., Hoddlesden Mills, Johnson Road, Hoddlesden, Darwen, Lancs. B646,670-71.
- "BLACK BRILLIANCE" in distinctive lettering; for bath salts, talcum powder, face powder and cream (non-medicated), lipstick, soap, perfume and dentifrice (3). By Lenteric, Ltd., 17 Old Bond Street, London, W.1. 646,845 (Associated).
- "DARK BRILLIANCE"; for bath salts, talcum powder, face powder and cream (non-medicated), lipstick, soap, perfume and dentifrice (3). By Lenteric, Ltd., 17 Old Bond Street, London, W.1. 646,846 (Associated).
- "DUETTE"; for soap, perfume, toilet preparations (not medicated), preparations for the hair, cosmetics and dentifrice (3). By Icilma Co., Ltd., 455 London Road, Isleworth, Middlesex. 647,025.
- "LATHOLENE" and also in distinctive lettering with the letter "O" emphasised (letter "O" disclaimed); for detergent preparations (3). By A. H. Taggett, Ltd., Station Road, Gerrards Cross, Bucks. 647,062 and 647,319 (Associated).
- "FALCON"; for cosmetic preparations and hair lotions (none being saponaceous), and dentifrices (3); for hairdressing appliances (not being machines or pins) (8). By Regent Sachet Co., Ltd., Cumberland Street, Nelson, Lancs. 647,203-05 (Associated).
- "ARETTA"; for toilet preparations (not medicated), cosmetics, perfume, soap, hair lotions and dentifrice (3). By Bleasdale, Ltd., 23 Colliergate, York. 647,406.
- "STILLY NIGHT" in distinctive lettering and illustration of musical stave with notes and words "Of in the stilly night"; for toilet preparations (not medicated), cosmetic preparations, perfumes, soap, essential oils, hair lotions and dentifrices (3). By The Old Song Perfume Co., 12 Waterloo Place, Londonderry, Northern Ireland. 647,450 (Associated).
- "TRYST" in distinctive lettering with star device; for cosmetic preparations (not being toilet preparations) (3). By Euco Products, Ltd., 11A Carlisle Road, The Hyde, London, N.W.9. 647,683 (Associated).
- "STYLUX"; for perfumes, toilet preparations (not medicated), cosmetic preparations, dentifrices, depilatories, toilet articles (not included in other classes), sachets for use in waving the hair, soaps, and essential oils (3). By R. Hovenden & Sons, Ltd., 29-33 Berners Street, London, W.1. 647,710.
- "ENFANT D'AMOUR," "FICKLE," "JORROCKS"; for soaps, perfumes, essential oils, toilet preparations (not medicated), cosmetic preparations and dentifrices (3). By James Scott St. Barbe Baker, 41 Boleyn Road, Dalston Junction, London, N.16. 647,975-76-77.
- "STAGO"; for pharmaceutical preparations (5). By René Jacques Viret, 25 Chemin de Boston, Lausanne, Switzerland. 646,795.
- "SADDLE"; for perfumes, toilet preparations (not medicated), cosmetic preparations, dentifrice depilatory preparations, toilet articles (not included in other classes), sachets for use in waving the hair, soaps and essential oils (3). By F. Hampshire & Co., Ltd., Sunnysdale Works, Sibley Lane, Derby. 648,058.
- "HOROSCOPE"; for perfumes, toilet preparations (not medicated), cosmetic preparations, dentifrices, depilatory preparations, toilet articles (not included in other classes), sachets for use in waving the hair, soaps and essential oils (3). By Grossmith & Son, Ltd., 45 Piccadilly, London, W.1. 648,059.
- "NUTRINON" and "RESTORENN"; for pharmaceutical preparations and substances (5). By Savé & Moore, Ltd., 61 Welbeck Street, London, W.1. 635,787, B646,932.
- "SEPPELA"; for antiseptics and disinfectants, for sale in Northern Ireland (5). By Rob Henry Andrews, 10 Cliftonpark Avenue, Belfast. 641,984 (Associated).
- "VERDONI"; for insecticides and preparations for killing weeds and destroying vermin (5). Plant Protection, Ltd., Yalding, Kent. 644,932 (Associated).
- "VITAPAN"; for preparations of vitamins A and B for use in medicine and pharmacy (5). Paines & Byrne, Ltd., Pabynr Laboratories, Brentford Road, Greenford, Middlesex. 645,857.
- "SUDEX"; for senna pods and leaves and pharmaceutical preparations and substances manufactured therefrom (5). By Matthews & Wilson, Ltd., trading as the Sudex Senna Co., 36-37 Cannon Jewry, London, E.C.2. 647,037.
- Heraldic device incorporating the words "Mors Bacillis" (words "Mors Bacillis" disclaimed for veterinary preparations and disinfectants (3)). By The Standardised Disinfectants Co., Ltd., Oak Lane Works, Oak Lane, Limehouse, London, E.14. 647,098.
- "DIMP"; for insect repelling preparations (5). By Scott & Turner, Ltd., Andrews House, Gallop Gate, Newcastle-on-Tyne. 647,529.
- "VIKING"; for hypodermic needles, surgical syringes and suture needles (10). By Need Industries, Ltd., 106 Edmund Street, Birmingham, 3. 646,177.
- "NUVUE"; for spectacles and frame mounts and lenses, all for sale in the counties of London, Middlesex, Hertford, Surrey, Kent and Essex (9). By Frederick Bateman & Co., Ltd., 100 Great Marlborough Street, Regent Street, London, W.1. B637,385.
- "QUARTOID"; for glass, permeable to ultra-violet light, for optical and scientific purposes (9); for glass parts (not included in other classes) for electro-medical radiation apparatus (10). By Solomon Schaffer, 9 Charlton Drive, London, N.2. 644,134-35 (Associated).

COMING EVENTS

Thursday, July 24

WEST HAM ASSOCIATION OF PHARMACISTS. Coaches visit to Knole House and Park, Sevenoaks. Particulars from Mr. W. H. Cloud (secretary), 4 Longbridge Road, Barking, Essex (Telephone Rippleway 3829).

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Phenoxetol is effective against certain gram-negative organisms, including *Ps. pyocyanea*. It is used by local application—by wet dressing, instillation, or irrigation—in the treatment of infected wounds . . . abscesses . . . indolent ulcers . . . associated with *Ps. pyocyanea*. It should not be used for parenteral injection.

Phenoxetol is very effective in *pyocyanea* infections of burns or superficial wounds. It is especially useful in the preparation of surfaces for skin grafting, in dermatitis associated with *Ps. pyocyanea* and for the sterilisation of tuberculosis cavities infected with *Ps. pyocyanea*. Phenoxetol may also be used in Penicillin solutions and creams where it has the additional advantage of preventing deterioration caused by microorganisms.

References: *Lancet*, 1944, 247, pp. 175 and 176.

British Medical Journal: 1946, 1, p. 50.

Pharmaceutical Journal: 1945, 155, p. 245.

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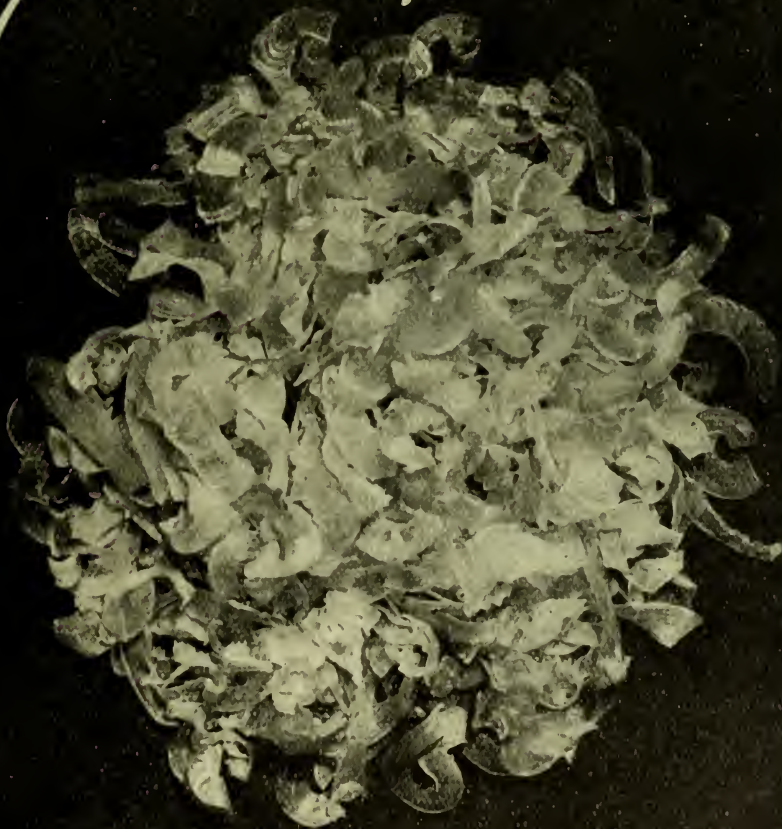
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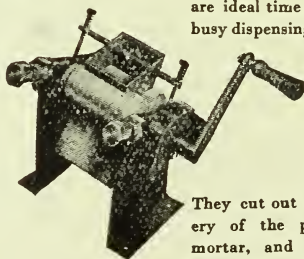
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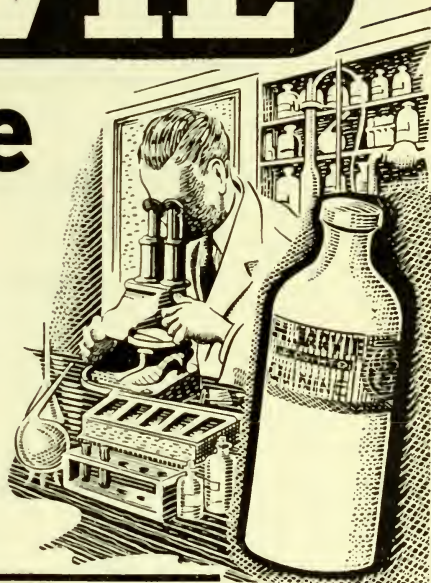
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Smooth of cheek you face the night.
When the music weaves its spell —
7 O'CLOCK and all's well.



7 o'clock

BLADES

● one of a series of forceful
7 o'clock blade advertisements
appearing in the National Press.

the 2d blades that sell — and sell!



7 O'CLOCK blades are *sharper*, give smoother-all-round shaves.

AND satisfy your customers so that they return for more!

ALL'S well with 7 o'clock blades, for —

WELL —just see how they sell... and sell!

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ANTISEPTIC-Stays put

A first-class dressing made by a firm with 120 years' experience.



(207)

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DELIGHTFUL FLORAL ODOUR-NO STAINING

From Chemists,
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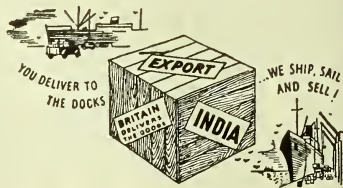
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Quickly removes all smears, fly marks and stains from windows, mirrors and all types of glassware. Easy to use—no hard work.

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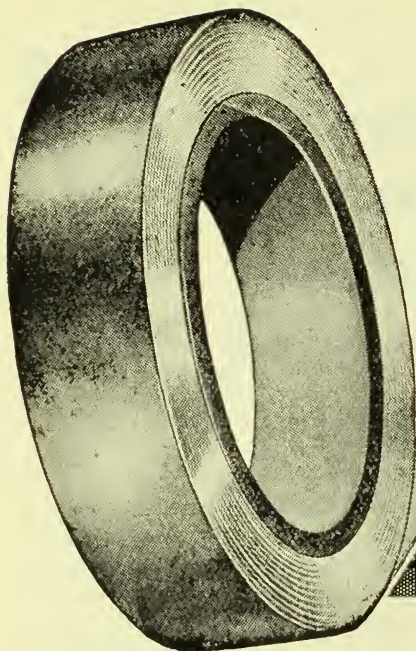
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ELASTIC HOSIERY

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For special garments to measure
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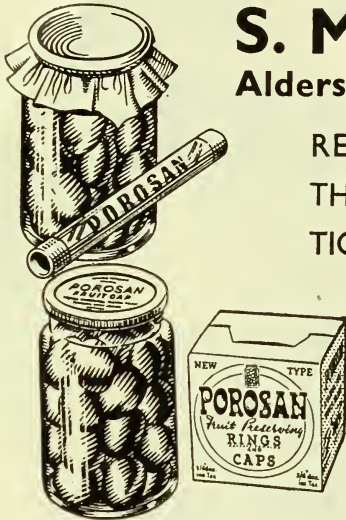
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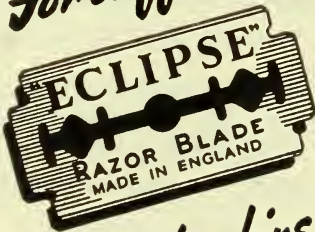
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For stiff beards



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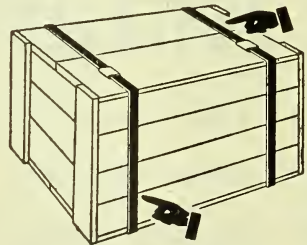
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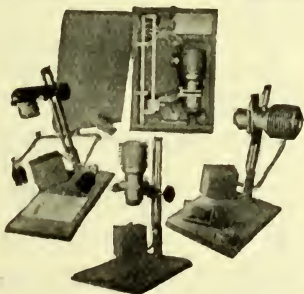
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Supplies available for Diabetics only.



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And even if a bit thin—Jam today as well. It is our constant endeavour to increase supplies both of "Bread and Jam" and—as always—to spread these supplies evenly and fairly

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Orders can now be met by your wholesaler (1" x 1 yd. only in free supply). Set them up in their displayouters.

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Show these Products... & show bigger profits!

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2/- .. 13/- .. "

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2/9 Jars 18/- per doz.
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*Medicinal Radio Active
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All wholesale prices exclusive
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"Autumn Sun"
EXTRACT OF MALT WITH COD LIVER OIL

1 lb. SIZE
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Health - from Sun and Sea!

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WATERPROOF
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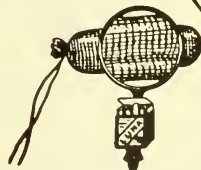
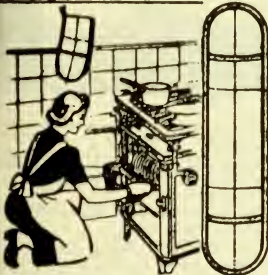
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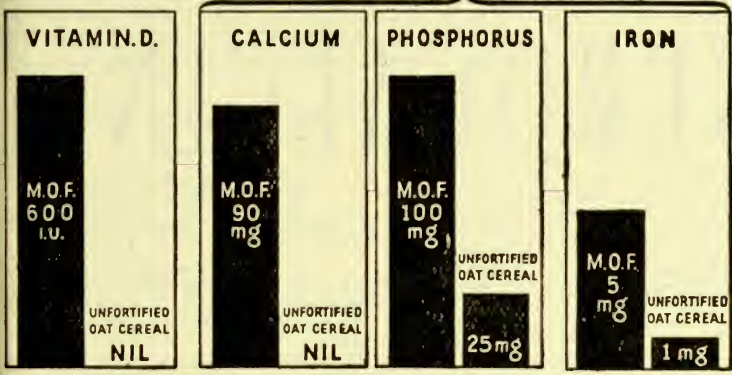
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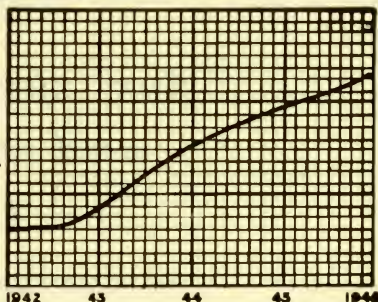
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THE DEMAND FOR THIS SUCCESSFUL AND MUCH
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The CHEMIST AND DRUGGIST SUPPLEMENT

JULY 19
1947

28 ESSEX STREET, LONDON, W.C.2

This Supplement is inserted in every copy of The Chemist & Druggist

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SHEPHERD'S BUSH area. A vacancy occurs for assistant (either sex) with middle-class counter and dispensing experience. The position, which is progressive, will be well paid. Box. 1/379 C. & D. Office.

SOUTH Coast vacancy for unqualified or Hall lady or gentleman. Duties mainly dispensing and some counter. 40-hour week. Small furnished self-contained flat available if required. Particulars to Beach & Co., Bridport, Dorset.

STOCKPORT I. & E. Co-operative Society Limited, requires the service of a qualified pharmacist, male or female, permanent position, good wages and conditions, suit newly qualified seeking good dispensing experience with prospects. Apply stating age, experience and wages required, to: The Secretary, Stockport I. & E. Co-operative Society, Ltd., 27/39 Chestergate, Stockport.

SURGICAL instruments. Showroom assistant required for West End firm. Must have good knowledge of the trade. Write giving details of previous employer, salary, etc. 1/404, C. & D. Office.

THE Royal Arsenal Co-operative Chemists Limited, require pharmacists for their branches in south-east and south-west London. Permanent positions with opportunity for progress. Superannuation and special bonus schemes in operation. Apply in writing, stating age, experience and salary required, to the Staff Manager, Royal Arsenal Co-operative Chemists Limited, 113 Powis Street, Woolwich, S.E.18.

UNQUALIFIED assistant required with good West End experience. Mainly counter work and window dressing. Apply Manager, Frizzell and Co., Theatrical and Foreign Chemists, Leicester Square, London, W.C.2. Phone Gerrard 2945.

UNQUALIFIED assistant for counter and dispensing, lady or gentleman; easy hours. 1/418, C. & D. Office.

UNQUALIFIED assistant (male or female) with dispensing experience to work with pharmacist in dispensary. Chave & Jackson, Hereford.

WANTED. Manager for branch pharmacy, male or female. Good prospects for suitable applicant. Superannuation scheme in operation. Applications stating age, experience, etc., to The Secretary, Heckmondwike & District Co-operative Society, Ltd., 3 Oak Street, Heckmondwike.

WEST MIDLANDS. Young pharmacist required for high-class dispensing establishment, Birmingham. Saturday closing. Box 1/378, C. & D. Office.

YOUNG pharmacist, male, required by Heppe. Recently qualified requiring good West End experience would suit. Please apply, Superintendent Chemist, Heppells (1932), Ltd., 70 Vauxhall Bridge Road, London, S.W.1. Phone Victoria 2204.

YOUNG, unqualified assistant required. Counter and dispensing. Pleasant family business. Usual particulars and salary required in first letter please. See Crawford, Chemist, Station Road, Horley, Surrey.

LOCUMS WANTED

MID-SUSSEX. Qualified locum required for July 28. Conveniently situated for daily travel from south coast or London termini. Prospect permanency later. Telephone Royal 1431 (London reference PGR or HWB, or write Box 1/34 C. & D. Office.

NEWQUAY, Cornwall. Qualified locum for three weeks from September 1st. Usual particulars to E. M. Varley, Ltd., 38 Cliff Road.

QUALIFIED locum for departmental stores, August 25 to September 6 inclusive; hours 8.30 to 5.30 no half-day or Sunday duty. Terms and reference to Burgis & Colbourne, Ltd., Leamington Spa. Phone 1500.

QUALIFIED locum wanted any two weeks August to September. Country district ten miles from Portsmouth. No half-day or Sunday duty. Birchall, The Square, Wickham, Hants.

WANTED, locum period Saturday, July 19th to August 30th inclusive. All or part of the period. Also September 15th to 20th inclusive. Co-operative Society, Ltd., Ashton-under-Lyne.

WHOLESALE

A PROGRESSIVE manufacturing house with modern products in the pharmaceutical and toilet field, backed by national advertising, is looking for two energetic, keen staff representatives, to cover chemists, stores, etc., in the London and Home Counties and Midlands and South Wales areas. Salary, commission and expenses. Send full details of past experience, age, etc., to 1/381, C. & D. Office.

ADAPTABLE and willing unqualified assistant required by ethical manufacturing chemist in Central London, for interesting clerical work. Knowledge pharmaceutical trade, typewriting and good arithmetic desired. Shorthand useful, but not essential. Pension scheme. Five-day week. Wage about £6. Write to Box 1/291, C. & D. Office.

ASSISTANT required for routine analysis of pharmaceuticals in the analytical laboratory of C. Harker, Stagg & Morgan, Ltd., Emmott Street, London, E.1. Apply stating experience and wages required.

A LEADING pharmaceutical firm in North-west London has a vacancy in its tablet department for a sugar coater. Wages £7 2s. for a 46-hour week. Applicants should be prepared to do night work on a rota. Apply to Box 1/364, C. & D. Office.

AN excellent opportunity exists for salesmen coming on holiday resorts to carry attractive reasonable toilet line as an extra. Generous commission to seller and profit to retailer. State area. BCM/BONHHEURE, W.C.2.

CHEMICAL Department manager for North Hertfordshire district. Qualified in manufacture of agricultural, horticultural fertilisers, insecticides and veterinary supplies. State age, qualifications, experience and salary required. Box 1/367, C. & D. Office.

COSMETIC chemist required by old established company as factory manager. Must have had experience in wide range of toilet articles. Good salary and commission, permanency to really first-class man with up-to-date ideas. References and full particulars to 1/394, C. & D. Office.

DIRECTORSHIP offered to sales manager with good connections and experience, also knowledge of pharmaceuticals an advantage. By fast expanding company manufacturing cosmetics and their exclusive patented products in big demand. Box 1/344, C. & D. Office.

DISTRIBUTING House requires 3 full-time experienced representatives as follows:—(1) South Wales. (2) Lancashire, Cheshire and North Wales. (3) Northumberland, Durham, Cumberland and Westmorland. Live connections with chemists, stores, etc., essential. Car owners preferred. Salary commission and expenses. Send all necessary details to Box 1/376, C. & D. Office.

EXPERIENCED traveller required for old-established pharmaceutical firm to visit retail and wholesale chemists and doctors in Leeds, Newcastle-Tyne and Northern England area. Good salary and commission. Apply Box 1/347, C. & D. Office.

EXPERIENCED representative required having first-class connection with chemists, departmental stores, co-operative societies and wholesalers by well-known tablet and speciality manufacturers. Sole representative, salary, commission and expenses basis. Applicants must give details of past experience, age and when free, to M., 1/383, C. & D. Office.

FOREMAN for liquorice pellet department. Experienced, ambitious. Apply in writing to Werva, Ltd., High Path, Merton, London, S.W.19.

LIBERAL commission to good agent for attractive range of well packed medicinal lines for chemists only. Areas: Midlands, South East Counties, and Devon and Cornwall. Applicants representing one other house preferred. 1/392, C. & D. Office.

LIVE representatives wanted for Scotland and Wales, calling on stores, chemists and hairdressers, for high-class perfumery and cosmetics. Must have proved connections and sales record. Box 1, C.P.N., 185 Fleet Street, E.C.4.

MAY & BAKER, LTD., Dagenham, Essex, invite applications for the position of head of department manufacturing ethical pharmaceutical preparations. Male candidates only, Ph.C. preferred. The post is one of responsibility, requiring administrative ability and initiative, and offers excellent prospects. Apply initially in writing quoting Ref. 450 to: Personnel Officer.

MANUFACTURING chemists in Midlands require a departmental foreman, age 25-30. Preferably with wholesale experience. Good prospects to man with ability. Full particulars with salary required to Box 1/331, C. & D. Office.

MANUFACTURING chemists in North London require woman pharmacist as second assistant in the dispensing and light manufacturing department. Salary according to age and experience. Write Box 552, Dorland, 18 Regent Street, S.W.1.

MANUFACTURING chemists, (West London), have vacancy for tablet maker; must be fully conversant with running and maintaining of rotary and single punch machines. Progressive and permanent position. Write 1/414, C. & D. Office.

MANUFACTURING chemists increasing their staff of medical propagandists, have vacancies in the following areas: (1) London, (2) Midlands, (3) Lancashire and North Wales. Candidates possessing aptitude for this work need not be experienced, as training will be given. Pharmacists preferred. Applicants should give age, experience and salary required. 1/417, C. & D. Office.

MANUFACTURING chemists in South Cheshire will shortly require young pharmacist; opportunity for recently qualified to acquire manufacturing experience. Write, stating age, salary required, etc., 1/415, C. & D. Office.

OLD-ESTABLISHED London firm wholesale chemists' sundriesmen require representatives having live connections chemists, hairdressers, druggists, stores, Co-ops; commission basis. Car advantage but not essential. Write, stating area of representation, details, etc., James Harcastle & Co., 20 High Holborn, W.C.1.

ORGANIC chemist wanted for research by Manchester firm. Previous industrial experience not essential, but applicant should have an honours B.Sc. in chemistry or similar qualification. Salary £350-£75 p.a. Write, giving full particulars, to Box 1/373, C. & D. Office.

PHARMACIST required to take charge of wholesale chemist department. House available. Hardy & Son, Ltd., 33 Brown Street, Salisbury, Wilts.

REPRESENTATIVE required on generous commission basis for the South Wales area to offer branded mascara, butacakes, lipsticks, lavender water, eau-de-Cologne, perfumery and brilliantine. Apply, by letter only, to Patrick James & Co., Ltd., High Street, Kingston-on-Thames.

REPRESENTATIVES required on commission basis throughout Great Britain with live connections with the wholesale and retail grocers, stores and chemists for sound repeating household products. Only salesmen accustomed to large turnover need apply. Reply to Slip, 95 Victoria Street, St. Albans, Herts.

REPRESENTATIVES required to sell Helska triple gloss hair cream, containing special vegetable oils. Liberal drawing account. Prompt delivery. Free advertising for retailers, and gift scheme for assistants. Send details, age, territory, connection, etc. Davies & Long, Limited, 40 Sackville Street, London, W.1.

REPRESENTATIVES required by wholesale chemists' sundriesmen for Greater London area. Good stocks and large "quotas" of proprietary cosmetics, toilet, foods, patent medicines, and sundries, interest chemists, drug stores, general, hairdressers, etc. No objection carrying other lines. Prompt delivery and detailed attention offered. Apply Box 1/359, C. & D. Office.

REPRESENTATIVES required by wholesale distributors of perfumes and cosmetics for the following territories: Lancashire, Cheshire, North Wales, West Midlands, Home, and South and South Eastern counties. Must have good connections with chemists, stores and hairdressers; liberal commission offered. Write 1/235, C. & D. Office.

REPRESENTATIVE required on a generous commission basis for the Midlands to offer branded mascara, butacakes, lipsticks, lavender water, eau-de-Cologne, perfumery and brilliantine. Apply by letter only to Patrick, James & Company, Limited, High Street, Kingston-on-Thames.

REPRESENTATIVES required in many parts of England, also for Scotland to handle pastilles, medicated tablets and pain relieving tablets to the chemist and grocery trades, either on a commission basis, or salary, expenses, and commission. Kindly reply, stating territory covered and whether salary or commission basis required. 1/382, C. & D. Office.

REPRESENTATIVE. A good opening occurs for a full-time representative to call upon retail and wholesale chemists. Permanent position and good prospects with a well-known London firm of manufacturing chemists. Remuneration by salary and commission plus expenses. Applicants should have first-class connections and reside on the following territory:—West London, Berks, Bucks, Oxford, Hants and Dorset. Car owner preferred. Full details, stating age, experience, etc., to 1/412, C. & D. Office.

REPRESENTATIVE required on a generous commission basis for East Anglia to offer branded mascara, buticakes, lipsticks, lavender water, eau-de-Cologne, perfumery and brillianine. Apply by letter only to Patrick, James & Company, Limited, High Street, Kingston-on-Thames.

REPRESENTATIVES with good connections in chemists and departmental stores required by high-class cosmetic and perfume manufacturers. On commission basis, for Yorkshire, East Coast and South-west England. 1/401, C. & D. Office.

SALES manager. Applications are invited by the manufacturers of a nationally advertised product with extensive distribution amongst chemists, hardware merchants, grocers and general stores, for the post of sales and advertising manager. Applicants must have had a good grounding in advertising and possess the ability to develop sales on national lines, together with a sound knowledge of administration. The position offers considerable scope for a man with exceptional drive and capacity for hard work. Write, giving full details of age, education, qualifications and experience to the Managing Director, 1/385, C. & D. Office.

SCOTTISH representative required by well-known firm marketing nationally advertised medicinal and toilet preparations. Preference given to one already resident in the area, preferably Glasgow, and to one with previous experience and pharmaceutical training. Age 25-35. Car provided. Letter, giving fullest personal details, etc., to Sales Manager, 1/413, C. & D. Office.

SURGICAL instruments. Representative with own car required for London and Home Counties. Previous knowledge of trade essential. Write giving details, salary, etc. 1/405, C. & D. Office.

THE BRITISH DRUG HOUSES, LTD., Graham Street, London, N.1, require a laboratory steward to take charge of all services connected with the running of an organic chemical research laboratory. Salary according to experience. Applications should be made to the Personnel Manager.

THE British Drug Houses, Ltd., have vacancies in their analytical department for senior chemists with B.Sc., Ph.C., or equivalent qualifications. Experience with pharmaceutical chemicals desirable but not essential. Apply Personnel Manager (A), Graham Street, N.1.

WANTED. Salesmen calling on Chemists, hairdressers and stores to handle additional line on generous commission terms. Write 1/40, C. & D. Office.

WANTED by important manufacturers of ethical pharmaceuticals in London, highly qualified sales manager able to give salesmen who are visiting physicians and chemists energetic and enthusiastic leadership. Applications with full details of qualifications, previous experience and desired salary, which will be treated in strict confidence, should be sent to 1/406, C. & D. Office.

YOUNG man required to train as assistant to manager. Military service completed. Preferably with some knowledge of essential oil, fine chemical and Crude Drug trade, or merchant shipping experience. Salary according to experience. London area. Superannuation scheme in operation. Full details to Box 1/365, C. & D. Office.

WELL-KNOWN London Pharmaceutical firm has openings (due expansion) for medical trade representatives in Birmingham, Cambridge, Dublin, Exeter, Glasgow, Manchester, Newcastle & Nottingham areas. The firm is well known for the quality of its research and propaganda work, especially in the field of nutrition, and representatives kept thoroughly informed of all new developments. Pharmaceutical experience although an advantage not essential as character and ability to "copy" are more important than previous knowledge. Commencing salary £400 plus expenses. Apply in first instance Box No. 910, Spottiswoodes, Regent House, Kingsway, London, W.C.2.

CLERICAL

EXPERIENCED shorthand typist required for Editorial Department of The Chemist & Druggist. Write in first instance giving full particulars of experience, age, salary, to the Staff Director, Morgan Brothers (Publishers) Limited, Essex Street, Strand, W.C.2.

JUNIOR clerk-typist required for publishing department of THE CHEMIST AND DRUGGIST. Shorthand desirable but not necessary. Hours 9 p.m. to 5 p.m., no Saturdays. Write in first instance stating age, salary required and experience to The Secretary, Morgan Brothers (Publishers) Ltd., 28 Essex Street, Strand, London, W.C.2.

WHOLESALE (OVERSEAS)

CHEMISTS urgently required by large company operating in the Middle East. Will be employed either on development or process work: should be prepared initially to undertake shift work on process plant; should possess B.Sc. degree & preferably have had subsequent industrial experience. Age not over 30. Single men preferred. Starting salary not less than £500-£600 p.a. according to qualifications, together with a generous allowance in local currency, also free furnished bachelor accommodation, free passages out and home; free medical attention; kit allowance; provident fund benefits. Applicants must be of full British passport age and should write stating age, qualifications & experience, to Dept. F.18, 162/462, C. & D. Office.

OVERSEAS Employment. Qualified pharmacist required for Kenya. Five years minimum salary commencing £50 month, increasing annual passage paid out. Written applications giving: Full name; (2) date of birth; (3) whether married or single, if married how many children; (4) Med grade, if known; (5) if discharged from Forces particulars of service number, rank, unit and reason for discharge; (6) qualifications and experience; Name and address of present employers; (8) details of present work; should be sent to W. Sparrow & Co., Ltd., 65 London Wall, London, E.C.2.

PLANT chemists urgently required for product plant operations by large company operating in the Middle East. Applicants need not be graduates but should have had a chemical training up to Inter B.Sc. or National Certificate Standard with experience of shift work in either a gas, coke or chemical works. Age not over 30. Salary sterling between £540 and £600 per annum plus generous allowances in local currency, with free furnished bachelor accommodation, passages out and home, medical attention, also kit allowance & provident fund benefits. Apply stating age, qualifications and experience, etc., to Dept. F.162/461, C. & D. Office.

SITUATIONS WANTED

6 for 18 words or less, 1d. for every additional word

RETAIL (HOME)

DISPENSER-secretary (Hall), slightly disabled, requires light part-time post end of September. Capable, with wide experience. 1/398, C. & D. Office.

DIX-SERVICEMAN, 33 married, seeks permanent and interesting change from present representative post. (Lancs, W.R. Yorks.) Car owner. Hypodist. 15 years' varied pharmacy experience. 1/391, C. & D. Office.

WORKTAKING. Quiet and efficient workman-ship. Over 30 years' practical experience. Personal supervision. Chemists' own sheets priced. W. Playfoot, 8 Aylward Road, Merton Park, W.20. Tel. Liberty 4104.

UNQUALIFIED, aged 43, at present managing London area, desires change Herne Bay, Canterbury, Margate area preferred. Sound experience in all branches. Please state salary offered in first instance. 1/400, C. & D. Office.

WOMAN dispenser, unqualified, desires post as sole manager to drug, herbal or any other small business. Neglected or otherwise. Open for cum until suited. Highest references. Johnson, 17 Pearson Road, Hastings, Sussex.

WORKS manager or assistant (non-graduate), young, energetic. 18 years' experience pharmaceutical wholesale. Chemicals, soaps, detergents, cosmetics. N.W. area preferable. 1/390, C. & D. Office.

LOCUMS SEEKING ENGAGEMENTS

PHARMACIST has few vacant weeks up to end of October for locum work. London area preferred but not essential. Please state terms, Box 1/372, C. & D. Office.

WHOLESALE

AGENT with proved long standing connections among chemists and stores covering the Home Counties and South London, seeks representation in toilet paper, paper hankies and muslin squares. Commission basis only. Box 1/374, C. & D. Office.

CHEMIST seeks part-time employment; cosmetics, pharmaceuticals, heavy chemicals, etc., London area only. 1/416, C. & D. Office.

COSMETIC chemist, long experience manufacturing first-class preparations to own modern formulas, also introducing new non-quota lines, wants situation. 1/395, C. & D. Office.

COSMETIC chemist, long experienced in formulating and manufacturing high quality cosmetics and perfumes desires to change his responsible position. 1/399, C. & D. Office.

DRUG store manager or pharmacy manager with cover (age 50), well recommended; counter, dispensing, prescribing. "Elgee," 13 Meath Road, W.1, London, Essex.

FOREMAN tablet maker, 30 years' all round experience including sugar and all coating, granulating and strict control and all up-to-date methods. Now disengaged. 1/396, C. & D. Office.

GENTLEMAN with wide experience covering buying, package, development, stores and stock control, desires progressive post. 1/275, C. & D.

IRISH representative. Experienced. Steady, conscientious worker. Ph.C. Smart appearance. Good address. Well introduced retail/wholesale in Eire. Seeks representation reputable firm for Southern or Northern Ireland. 1/419, C. & D. Office.

MEDICAL representative, aged 32, requires change. Excellent connections, doctors, hospitals, vets., chemists, etc. South and South-west England. Own car. Box 1/363, C. & D. Office.

PHARMACIST (43), keen, active, proprietor 3 shops, seeks re-entry into established wholesale and manufacturing business. Varied experience as executive and general manager in manufacturing and distributive branches of trade. Able to plan, design and produce new lines. Capital available if desired. Propositions invited. 1/393, C. & D. Office.

REPRESENTATIVE, 18 years' experience, with strong connection chemists, departmentals, co-ops., etc., in London and the Home Counties, wishes to contact reputable firm desiring representation in that area. Box 1/370, C. & D. Office.

REPRESENTATIVE, 20 years' experience, would communicate with manufacturer marketing high grade products, with a view to whole time employment in London and district. Box 1/315, C. & D. Office.

SALES manager, age 40, seeks position with good firm. Comprehensive training in pharmacy and thorough all-round knowledge of all aspects of the trade, wholesale, manufacturing, retail, factory and sales management. Public school education. 1/397, C. & D. Office.

APPOINTMENTS**HILL END HOSPITAL, ST. ALBANS**

ASSISTANT PHARMACISTS required. Salary in accordance with the Joint Negotiating Committee's Report (Hospital Staffs). (£370 p.a. rising by £15 p.a. to £450 p.a. inclusive of cost of living bonus.) Apply, stating age, qualifications and particulars of experience to Medical Director.

THE GENERAL INFIRMARY AT LEEDS

Applications are invited for the appointment of **A**SSISTANT PHARMACIST. Salary in accordance with the J.N.C. scale, commencing at £350 plus meals, which will be provided when on duty. Federated superannuation scheme in force. Night and week-end duty will be worked in rotation. Previous hospital experience not essential. Applicants must reply in own handwriting, stating sex, age and experience, and also enclose copies of not more than three recent testimonials to the **H**OUSE GOVERNOR AND **S**ECRETARY, not later than 5th August, 1947.

LONDON COUNTY COUNCIL

Locum tenens dispensers (Apothecaries' Hall Certificate preferred) required immediately for duty in L.C.C. hospitals. Continuous work for three to four months. All positions are non-resident. Rate of pay a week, £7 5 6 (men), £7 1 3 (women). Hours of duty 39 a week. Application forms obtainable from the Medical Officer of Health (S.D.3), The County Hall, Westminster Bridge, S.E.1. (1993).

LONDON COUNTY COUNCIL

PART-TIME ASSISTANT PHARMACIST required for duty at:—

Leavesden Hospital, Abbot's Langley, Herts; Tooting Bec Hospital, Tooting Bec Road, S.W.17; and St. Lawrence's Hospital, Caterham, Surrey. Candidates must be Registered Pharmacists. Salary, five shillings an hour for a minimum of 21 hours a week. Apply to Medical Superintendent. (2373.)

SOUTH LONDON HOSPITAL FOR WOMEN, Clapham Common, S.W.4.

ASSISTANT PHARMACIST (woman) required. Salary according to experience on Joint Negotiating Committee (Hospital Staffs) scale.

Applications, stating age, qualifications and experience (if any) and accompanied by testimonials, should be sent to the Secretary, as soon as possible.

MOORFIELDS WESTMINSTER AND CENTRAL EYE HOSPITAL, CITY ROAD, E.C.1.

First **ASSISTANT PHARMACIST** required. Hours 8.30 a.m. to 4.30 p.m., Saturdays, 1 p.m. Salary as Joint Negotiating Committee (£415-£490). Federated Superannuation Scheme in force. Applications with full details of experience, etc., and copies of testimonials to be sent to the Chief Pharmacist.

QUEEN MARY'S HOSPITAL FOR THE EAST END,

STRATFORD, LONDON, E.15.

Applications are invited for the post of senior assistant pharmacist (male), salary according to J.N.C. scale (£415-£490 p.a.) with commencing salary within the scale according to experience. F.S.S. in force. Applications with full particulars and copies of testimonials to reach the House Governor and Secretary by July 23, 1947.

MIDDLESEX COUNTY COUNCIL

ASSISTANT PHARMACIST for HAREFIELD COUNTY HOSPITAL, Harefield, Middlesex (Registered essential), J.N.C. (Hosp. Staffs) salary, £370 inclusive; annual increments up to £450 p.a. considered. Similar experience may determine commencing salary. Recently qualified pharmacists eligible. Whole-time, unestablished, possible establishment; subject to medical examination. Application stating age, quals., exper., with copies of up to 3 recent testimonials to **MEDICAL DIRECTOR** at Hospital, IMMEDIATELY. No forms (quote C 292 C D).

C. W. Radcliffe,
Clerk of the County Council.

Middlesex Guildhall, S.W.1.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at:—**EPSOM COUNTY HOSPITAL**, Dorking Road, Epsom.

Commencing salary on grade £370 x £15—£430 x £20—£450 p.a. inclusive. Applications in writing, stating age, qualifications and experience with a copy of not more than three recent testimonials should be sent to the Medical Superintendent of the Hospital.

**ROMFORD JOINT HOSPITAL BOARD
RUSH GREEN EMERGENCY
HOSPITAL, ROMFORD.****APPOINTMENT OF PHARMACIST**

Applications are invited for the post of whole-time **PHARMACIST**, male or female, at the above-hospital. Salary at the rate of £425 per annum, rising by five annual increments of £15 to a maximum of £495 per annum. In the case of women applicants, resident accommodation, for which a charge will be made, can be provided. The appointment is subject to one month's notice on either side and to the provisions of the Local Government Superannuation Act, 1937. Applications stating name, age, nationality, qualifications and experience together with copies of two testimonials, to be sent to the undersigned.

ERNEST E. TAYLOR,
Clerk of the Board

Clerk's Office, Rush Green Hospital,
Romford.

**ROYAL SOUTH HANTS
AND SOUTHAMPTON HOSPITAL,
SOUTHAMPTON****ASSISTANT PHARMACIST REQUIRED**

Hospital experience not essential. Salary in accordance with the J.N.C. Scale. Application stating age, qualifications, with copies of recent testimonials should be sent to the undersigned forthwith.

FRANK JENNINGS,
House Governor and Secretary

11th July, 1947.

**CORPORATION OF WILLESDEN
APPOINTMENT OF PHARMACIST**

The Council invite applications for the following appointment: **ASSISTANT PHARMACIST**. The salary will be in accordance with the Joint Negotiating Committee at the rate of £370 p.a. annum, rising by four annual increments of £20 and one increment of £20 to a maximum of £450. The work will be carried out at the hospitals and health centres and previous experience will be taken into consideration in determining the commencing salary. The appointment is terminable by one month's notice on either side and is subject to the provisions of the Local Government Superannuation Act, 1937, to the regulations governing officers of the Council and to a satisfactory medical examination. Off duty is granted one Saturday morning in every three. The candidates appointed will work under the direction of the Chief Pharmacist. Forms of application may be obtained from the Medical Officer of Health, Health Department, 54 Winchester Avenue, Kilburn N.W.6, to whom they must be returned marked "Pharmacist" not later than August 1, 1947.

R. S. FORSTER,
Town Clerk

Town Hall,
Dyne Road,
Kilburn, N.W.6.

YORK COUNTY HOSPITAL

Applications are invited for the post of **ASSISTANT PHARMACIST**. Hospital experience desirable. Salary in accordance with J.N.C. scale. Applications, stating age and experience, with copies of recent testimonials, to be addressed to the Secretary.

CROWN AGENTS FOR THE COLONIES

Applications from qualified candidates are invited for the following post:—

HARMACIST required by the Government of Uganda for the Medical Department for one year or 2 to 3 years with prospect of permanency. Commencing salary according to age and rank service in the scale £372 rising to £600 a year. Cost of living allowance on a salary of £372 is £43 for a single man and for a married man between £85 and £164 a year, according to number of children. Outfit allowance £30. Three passages and quarters. Candidates must be members of the Pharmaceutical Society of Great Britain. Apply at once by letter, stating age, whether married or single, and full particulars of qualifications and experience and mentioning this paper, to the Crown Agents for the Colonies, Millbank, London, S.W.1, quoting M/N/18210, on both letter and envelope.

THE CHEMIST AND DRUGGIST

EXPORT REVIEW

Vacancy occurs on the Editorial Staff of **The Chemist and Druggist EXPORT REVIEW** for a young male pharmacist interested in trade journalism. Some export experience and knowledge of languages desirable. Apply, stating full particulars of career and salary expected, to the Staff Manager, Morgan Bros. (Publishers), Ltd., 28 Essex Street, London, W.C.2.

AGENCIES

1/36 for 36 words or less, 3d. for every additional word

ADVERTISER, resident Hampshire, with excellent live connection, wholesale and retail chemists, Southern Counties, at present engaged, but willing change offering scope. Would consider agencies. Own car. 1/388, C. & D. Office.

AGENT required to handle three nationally advertised well known chemist specialities on local commission basis. 1/389, C. & D. Office.

AGENT with chemists connections required to carry as an additional line small cosmetic bottles. Write, full particulars first application, to 1/375, C. & D. Office.

AGENT required in this country for execution and despatch of orders for patent medicines known in India. Commission basis. 1/407, C. & D. Office.

EXPORT. Managing director, member of Sales Managers' and Advertising Managers' Associations, with extensive marketing knowledge and experience, desires to contact first-class manufacturers willing to enter Canadian Market. Advertiser is British and is taking up residence in Canada to utilise selling agency specialising in British goods. Only high-class merchandise will be entertained. 1/301, C. & D. Office.

ESTABLISHED firm of agents with strong connection wholesale and retail chemists throughout Northern Ireland, open to consider sole representation for house of repute offering one or two highly sound products backed by good advertising. Lines preferred, others also considered. Terms, expenses and commission. Box 1/307, C. & D. Office.

ESTABLISHED Agents, buying or commission, connection wholesale and retail chemists, stores, etc., required in all districts for sale of medicated tablets. Full details of territory covered on other lines carried to Box 1/371, C. & D. Office.

MORGAN, KORDA & CO., LTD., of 9 Great Pulteney Street, London, W.1, Importers of Bone and Skin Glue and Gelatine, require agents in some districts. A strong connection with users and merchants essential. Write with full particulars and reference.

PHARMACEUTICAL works in India, of 20 years' standing, manufacturing herbal products on scientific lines, are appointing agents and distributors in other countries. Products patronised by over 30,000 doctors and hospitals. Parties having experience in the line and good sales organisation please apply Box 1/306, C. & D. Office.

REPRESENTATIVE required for London area. Must have good connection with retail chemists to carry as an additional line, well-known brand of surgical rubber goods. Write, full particulars, to 1/420, C. & D. Office.

TRAVELLER with car wanted for Lancashire and Yorkshire for world-renowned advertised laxative. Good extra commission line for the right man. Full details of area and lines carried to White Laboratories, Ltd., 4 The Park, Mitcham, Surrey.

WELL-ESTABLISHED distributing house with United Kingdom coverage, is open to consider one or two additional products offering wide sales possibilities, for sole distribution. Replies, in confidence, 1/387, C. & D. Office.

BUSINESS OPPORTUNITIES

2/6 for 36 words or less, 3d. for every additional word

MESSRS. HOOK, SPREADBURY & CO., of 45 Pickford Lane, Bexleyheath, Kent, are desirous of contacting bona-fide manufacturers with a view to handling their products on a wholesale basis. Area covered from Kent to Cornwall inclusive.

RETAILERS, chemists, drug stores, general stores, hairdressers, etc. Well-established wholesalers, with increasing "quotas" can offer good supplies of leading proprietary cosmetics and toilets. Good range of patent medicines, dressings, packed goods and sundries. Van service London and suburbs, prompt delivery everywhere. Business built on personal attention. Box 1/360, C. & D. Office.

SMALL firm of manufacturing chemists marketing two established high-class branded proprietaries would consider merging with another similar concern with a view to mutual expansion and the building up of an efficient selling organisation. Box 1/368, C. & D. Office.

TOILETS quota (large or small) will be purchased by advertiser. Please state amount for sale and price for outright purchase. 176/942, C. & D. Office.

WANTED. Firm of manufacturing chemists in a position to undertake the filling and packing of a non-inflammable liquid in 4-oz. bottles. All raw materials, including liquid, bottles, cases, etc., would be supplied, and the quantity involved is approximately 750-1,000 gross per week. Write in confidence to the Managing Director, 1/384, C. & D. Office.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word

CHEMIST'S business (old-established); good site in good residential district. Glasgow, South Side. Turnover £3,500 to £4,000; stock £1,200; shop for sale with the business; double-front and good basement, very well fitted; sink, e.l., gas and telephone; assessed rent £62; no feu-duty; early possession (owner retiring). Apply Messrs. Macdonald Jameson & Co., Solicitors, 124 St. Vincent Street, Glasgow. (Phone City 0797.)

HERBAL, hygienic stores, large corner position, in busy main road. Owner going abroad. For quick sale, £2,500, stock, fixtures and fittings. Living accommodation, garage etc. First deposit secures. 19 years on lease to go. Apply Horsenail & Son, Ltd., 112 Bellegrave Road, Welling, Kent, or phone Bexleyheath 3864.

HERBALIST and hygienic rubber stores, main street position. No opposition. Opportunity to add chemists and photography. Rent only £100 a year exclusive. Shop, kitchen, study, sitting-room, bathroom, 4 bedrooms, brickbuilt warehouse at rear, side entrance. Electric and gas. Phone, etc. 21 years' lease. Guaranteed more than a living. Price for goodwill, fixtures, fittings, stock cases, and long lease, vacant possession when required, £1,900 or near offer. Phone Bedford 5430.

LONDON. Old-established wholesale business for disposal, very easily worked. Net profit at least £1,000 per annum. Total purchase price approximately £2,500, including stock or about £3,500 with freehold and fixtures. Apply Orridge & Co., 184 Strand, London, W.C.2.

LONDON. Cosmetic manufacturers, established over 20 years. Turnover £7,500 with substantial profits. Price complete, £6,000 or near offer. Commercial Development Co., 199 London Road, Sevenoaks, Kent.

MANUFACTURING chemists, Leeds. Audited net profits £1,000 p.a. Wide area covered, specialising bronchial tablets, pain easing tablets, eye lotion, etc. Reg. trade marks. Business, large stock, equipment, furnishings, etc., all in £4,000. Ask Henry Stead & Partners, Ltd., 29 Cookridge Street, Leeds, 2. Phone 23342.

NORTHERN IRELAND. Manufacturing and wholesale chemists. Demand exceeds supply manufactured lines. Splendid opportunity for keen man. Best offer before 21st July. Principals and bank reference. Beatty & Graham, Chartered Accountants, Arthur Square, Belfast.

PREMISES WANTED

MANUFACTURING Chemists, small limited company of highest standing and with ample funds, require about 6,000 square feet factory space within easy reach of London. They would welcome collaboration with similar concern with view to sharing accommodation on mutually advantageous terms. Write, Maxwell Batley & Co., Solicitors, 65 London Wall, London, E.C.2.

PREMISES FOR SALE

FREEHOLD building for sale, main road ¼-hour West End and City, comprising ground floor approx. 2,000 sq. ft., suitable offices, showrooms, warehouse, shop or factory. Separate loading bay, room for extension. Two self-contained flats above. Phone Tulse Hill 6831.

WANTED

7/6 for 40 words or less, 2d. for every additional word

A BIG price offered for home cines, cameras, or projectors. Bell-Howell, Kodak, G.B., etc. Also Leica, Contax and other precision cameras, enlargers, exposure meters, etc. Prompt cash. Wallace Heaton, Ltd., 126-7 New Bond Street, London, W.1.

AUTOMATIC cream filler wanted at once; price paid. Shavex Co., Bavaria Road, 1 loway, N.15.

GLYCERINE, B.P. or Pale Straw required in quantity. Good price paid. 1/386, C. & Office.

GLYCERINE wanted, any quantities taken B.P. quality. Cash by return. State quar available and price required to 157/296, C. & Office.

MANUFACTURERS require supplies of glycerine B.P. If you have any surplus please offer 1/402, C. & D. Office.

STEARIC acid triple pressed required in large quantities. 147/850, C. & D. Office.

26-OZ. and 13-oz. wine or champagne bottles required. 625/524, C. & D. Office.

MISCELLANEOUS SALES

12/6 for 36 words or less, 3d. for every additional word

APPROXIMATELY 100 gross screw neck cap tins soldered seams, size 2½ in. x 2½ in. available for immediate disposal. Reply G 2501, W. H. Smith & Son, Ltd., Manchester

FOR SALE, approx. 350 gross 1-oz. vial bottle cork mouths. Box 1/366, C. & D. Office

FOR SALE. 750 gross aluminium slip-lid bottles size 3½ in. x 2½ in. x ½ in. deep. Offer Box 1/377, C. & D. Office.

FOR sale. Air cleaning plant, unused, 2 machine capacity 24,000 c.ft. hourly with filters conduits. Enquiries: Affined Basic Chemicals Ltd., Empire Works, Desborough Road, High Wycombe, Bucks. Tel.: High Wycombe 2266.

FOR SALE. 1 ton DDT (Geigy) dusting powder 5 per cent. Also 30 gross DDT-powder (5 cent.) ready packed and labelled in 8-oz. spring cap tins, ex factory, London. 1/409, C. & Office.

GLASS Vials. 50,000 available, 13/14 mil, 3/4 long, 2/- gross. Affined Basic Chemicals, 1 Empire Works, Desborough Road, High Wycombe

GUM tragacanth, pulv., 3 cwts. in 28-lb. boxes 3/6 lb. 2 cwts. oil of camphor, 2/- lb. 3/4 dark cerasin wax, 7d. lb. 10 gals. ethyl lactate 1/9 lb. 120 lb. nux vomica herb pulv., 9d. 1 cwt. caustic soda flakes, 20/- lot. 1 cwt. bicarb., B.P., 20/- lot. Case 1½ cwt. gum olibanum 1/6 lb. 2 cwt. dextrine (yellow), 40/- cwt. 4 cwt. barrel sodium alginate, 20/- cwt. 3 cwt. zinc oxide B.P., 6d. lb. Replies, Box 1/343, C. & D. Office

SURPLUS. 2 barrels Sulphonated Castor oil 70 per cent. ex warehouse, London. 1/409, C. & D. Office.

TECHNICAL white oil, Pool 30, B.P., at 10/- per gallon in 10 or 45 gallon drums. Carry and drums free. Apply, 35 Ripple Road, Bark Essex. Phone Ripple Way 3016.

TO clear, 25 gross 1-oz. squat clear jars with metal caps. H. S. Bottle Co., Ltd., 33 Finsbury market, London, S.W.1.

VEGETABLE OIL. 36 gallons approx. value 4.36. Sample available. Offers wanted for full quantity. A. G. Martin, M.P.S., 8 & 9 Goring Road, Worthing, Sussex. Ph. Worthing 6

500 GROSS 2-dram plain vials. Sample price from 1/403, C. & D. Office.

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